

SEQUENCE LISTING

<110> HEALTH PROTECTION AGENCY

<120> DETECTION OF EPSTEIN BARR VIRUS

<130> MRM/PJG/25431

<160> 8

<170> PatentIn version 3.2

<210> 1

<211> 946

<212> DNA

<213> EPSTEIN BARR VIRUS

<400> 1

ttagaaattt aagagatcct cgtgtaaaac atctggtgtc cgggggataa tggagtcaac	60
atccaggctt gggcacatct gcttcaacag gaggcgcagc ctgtcatttt cagatgattt	120
ggcagcagcc acctgcggac aaaaatcagg cgtttagatg gggcatttat gtttgggacg	180
ctagccgcct gggcattcgt gttagtatat actgacctca cggtagtgct gcagcagttg	240
cttaaacttg gcccggcatt ttctggaagc cacccgattc ttgtatcgct ttattttctag	300
ttcagaatcg cattcctcca gctgcgagca agggaatgcg ttactacaag tggcgcctag	360
tcagttgaaa caagccccac catccgctgc cgcacctcca tgagccccac cgtccgctgc	420
cgcacctcct tgagccccctc cttaccgatt ctggctgttg tggtttccgt gtgcgtcgtg	480
ccggggcagc cactggtgca ggctgtggaa caccaatgtc tgctagctgt tgccttggt	540
tagccccggg gcaagcaaac accactgctg ctgctgtttg aacagtagaa ttgtctccag	600
gttgagggtgc ttctcccccg gcttggttag tctgttgatt ctgggttatg tcggagactg	660
ggaacagctg aggtgctgca taagcttgat aagcattctc aggagcaggc tgaggggcag	720
aaaaccacga ccagtcgga gcggttgaaa catgataggc agttagctgg ccttgtggca	780
gaggctctgg cagcaccggc cacagcacac aaggcaaagg agcttgcat ggcctccca	840
ggctctgata gactctggtg gcttgggtcaa aagcttgatc aaaaggcacc tggatatgggt	900
caggtgtaaa ttttacatct tcagaagtcg agtttgggtc catcat	946

<210> 2

<211> 21

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> SYNTHETIC PROBE

<400> 2

gccgcctggg cattcgtgtt a

21

<210> 3

<211> 21

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> SYNTHETIC PROBE

<400> 3

gccgtccggg cattcgtgtt a

21

<210> 4

<211> 18

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> SYNTHETIC FORWARD PRIMER

<400> 4

gcacatctgc ttcaacag

18

<210> 5

<211> 18

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> SYNTHETIC FORWARD PRIMER

<400> 5

gaacagctgc ttcaacag

18

<210> 6

<211> 18

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> SYNTHETIC REVERSE PRIMER

<400> 6

cgtgaggtca gtatatac

18

<210> 7

<211> 18

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> SYNTHETIC REVERSE PRIMER

<400> 7

cgtaagttca gtatatac 18

<210> 8

<211> 171096

<212> DNA

<213> Cercopithecine herpesvirus 15 strain LCL8664

<400> 8

ccccttaaca ggggggaggg ggggttgagg ggccgggatg gatgttgggg gacttcgggtt	60
ctttgctctt aaacctttgc aaaatttttg cgtgccgttt tgcacgttca taacgttttc	120
ctttggtttc ctacaggact atggcgcctg gatggctgcc cgtggtttct gcaccatatac	180
ttttctggct ggctggaatt gccgcttcct gcttttcagc ctccgttagt gctcttggtg	240
ttactaccgg ccttgctctc tcaactctgc tacttgccggc cctggttaac tcatatgccg	300
ctcagcgaag gaaggccgtt actaagttaa ctatcctcgt cggcattggt acatgtaagt	360
atgtcaccca gacagagaac agttgtggag gctcgttgcg cttgcaacca tacgttatcc	420
ttgtgtattc tttcagtttt tgccattctc ctgacatgga ttgtccagcc taaaccgaga	480
gatgccattg tctttgcctt attgaccggg gccgctgtac tacaggccat ttacagtaag	540
tagcagcgtg cttggctcgg ggggtgtttac tgagtaacag ggtgctcgac tcaggggtgt	600
tctgggcacc tgaacacagc tcacatgggt tctcttttct cagtcctagt tatgctgctc	660
ttcttgctcc ccacataccg gcggagatgg cgcaagatga ttgtttgcgt cgttctcctg	720
tttttggcct gtgccgtgct cctcgttgct gatgccatct ggcagctgtc tcccctactc	780
ggatccatga cagtggtagc gctgacactc ttgcttttag cattcatcat ctggctctcc	840
tcaccttggg gcataggggc ctaggagca gcgcttctaa cgctggcggc gggtaagaca	900
cagtccgcgg atgatgtttg agatgggttg tgtgtttttc agactatgac ctaactatgt	960
cctctatgtg cagccttggc tctcctggga tcattgggtc tcggggaact taacctggca	1020
acaatgttcc tcatcatgtt cctgtggact cttggtgagt gcccccttt ccacgggttt	1080
gtgactttta acatgtctat atacagaagc ctaactattt gtttcttcca cagtcattat	1140
tctcctgtgc tcaacattcc cacaaactat gtacctcatg tctcgggtggc tgctgtatgc	1200
tctgtccctt ttattgctcg cctctgcgct cttggccggg ggcagcattc tccaaacctg	1260

gggcgagac	aacactgagt	ttttcccgag	tgagtagatg	ttcatgagcc	tgtacggtgc	1320
gcgccgagca	tagaaaatta	ccacccatgg	gagagtaaca	accctgtta	ttacaggctt	1380
gttctgcatg	ttgctgctca	tcgttgccgg	cattctcttc	atcttggtta	tcctgaccga	1440
gtggggcact	ggaagtaaga	catacgggcc	ggtgttcgtc	tgtctcagt	gcctcctgac	1500
catggcagcc	ggcctcgttt	gggtggtgct	gatgatcaaa	gttctcttgt	cagcatggat	1560
tataactgcc	gggtgcttca	tcttcttctt	cgggtgagtgt	atgttcttta	agcacagaca	1620
gtcgtccaac	aaatggaaca	acacatcact	aatgctcact	cgtaattac	aggctttatc	1680
ctatttgga	tccttaagtt	ctgcaggctc	tgctgtttct	gctgtctccg	cctggagtcg	1740
ggcgaccccc	aagtagcaac	atatcaaac	aatgtttaa	ggtaagcatt	attaaatttc	1800
caattgaggt	cttacgcatg	actgattttg	agatcatggc	ggggcacagc	cgggtgccac	1860
aggcacacgg	gagtcagttt	cttatgatca	ggctatttgg	gacagatgg	gaggggaacg	1920
tacaggagca	aaggctctac	gagctattat	cgaacccccg	atcagaactc	ggcctgtcca	1980
cgggccccct	cgtctccgag	aacctgctga	cagtcgcgct	gcggggcggc	aacgatgacc	2040
ctaggcctca	gcgccaagag	agggccccgag	agttggccct	cgtcggcatt	ctattgggca	2100
acagcgagca	aggagaacgc	ctcggcacgg	agagcgccct	aaatgccttg	aggaacaagt	2160
atgtttatgc	ctacggacca	gactggatgg	ccagaccctc	gacatgggtc	gcggaaatcc	2220
agcagttcct	gcgcctcctg	ggcacaaagt	acgtgttgcg	cgtggagctt	ggccgacagt	2280
ttggctttga	ggtcaccgga	gccaggccct	ccttccgaca	gttccaggcc	atcaaccaca	2340
ttgtcctctt	tgacaacgtc	ctgcgcaagt	acgagccggg	acaggcgctc	gcgggcttcc	2400
agagggtctt	gttgggtccc	ggcccccgga	ccgtggacgt	gaggccggat	ctgcgcaccg	2460
tcaacgagtg	ggtctttggc	ggtgtggccg	gcgggggcag	gcagctggcc	gacgagctga	2520
tgatagtgtc	gccgctgcga	gacacctact	cggggcacct	ggttcttcag	cccactgagg	2580
ctctggacgt	ttggagggcg	tcgaataggg	agagggaagc	aacacacagt	ctggagcacg	2640
gcttcgtcca	cacggcgggg	accatccage	ccaactgcc	tcagctgttt	atgagacggc	2700
agcacctgg	ccttttcccc	ttcgttagt	caatagcatc	gtcgttggt	tggtactacc	2760
cggccctcgc	aggcccaagc	ccggatgtca	gggaagacgc	caggcgccag	caggccttcc	2820
agaccaaggc	ggtggcgga	tgtcacgcca	ggagcgggg	gccggttggt	gccggcttct	2880
accggaccgt	cgacaccact	cttagaggag	gagagggcct	gacgccacc	atgtttaccg	2940
gggagctggg	agtcatcaga	caccaggcgc	tggacaccgc	gaggtacgag	tacggccagt	3000

acctgggcat gctggggcct ttccatccct ggagcaacct caccgcacct ccgtgcccct	3060
acgccgagag cgcgttgccc caggctaccg tccagaccgc tctggagctc ttctccggcc	3120
tctatccggc accgtgcgtc tcgagccatg cgcgcccacc cggcccctgc gccctgatcg	3180
agcacctgcg atctctggtt cagaaagggg ggctgctgct gttcctgtcc cacctgccgg	3240
aggatgtgaa gggggggata ggggacctgg ggacggcgca ggccacgagc cgggggataa	3300
agcagtacgt cgaaacctac tttctcaatc caaactgctc caacgtgttc ctgattgtga	3360
ggcagcgggg ggagaaaatc aacggccgcg gcgtcctaca ggccctgaag cgtgcctgtg	3420
aagtggcagg gtgccaatac tacgtgctgg gctccacggg cccgctcggg gggctaaact	3480
tcgtcaacga cctggcttcc cccgtatcca ccgcagagat gacggatgac tttgccccct	3540
tcttcagcgt ggaatttccc tccatcccag agggcgaaat gaaatcccc gtccactcag	3600
acacggaaga gcgcattggac gtctccccct ctacagagtc ttcctggctc tcgctgagct	3660
cctgcctcac cagcgttctg tcacacccca gcgtggggag caaagagcac ctggtcagac	3720
acacagacag ggtctctggg ggccgcgtgg cccttcagcc cggggtgggt cccctagacc	3780
tgccacttgc cgattacgcc tttgtggccc acagtcaggt ctgggtcagg ccaggcgggg	3840
cacccccgct gccctaccgg acctgggacg gcatgaacga gaagctgctg gtctcggcga	3900
ggcccaccga cgaggccccc aagggtctcg gtaccgtgat tacattggga gaacaggggt	3960
acaaggtcac gctggatccg atagagggca ccaagctggc catggtcgag gcgctgatga	4020
acgcggcctt tgccccgctc gtgaatccgg aagacgtcct gctcactctg aatctccacg	4080
cggacccggg ccgcgtcgac agcaccgcgg tcatggactt gatgacggcg gccagcgact	4140
acgcgcgtga cctgggcgtg aagctgacgt acggctcggc ctcttgcccc gagacgggct	4200
cggcgggaaac cggcttcatg acgggtggtg tcacggcctc ggcacgcggg gaattctccg	4260
ctccccctgat cacgccggtg ctgcagagat cagggagcct cctactctcc gtgagacgcg	4320
gggatggcaa gatccagggc gggtcgctct ttgagcagct cttcagcgac gtggccacgg	4380
ccccgcgggc tccccaggcc gacgccatga agattatctt ccggacggtc caggggctgg	4440
tgaaaagcgg cctcgtgctc tcggggcacg acgtcagcga cggggggctg gttacgtgtc	4500
ttgtggagat ggcactggcg ggccagcggg gggtgaccat ctcggtgccg gcagccgccg	4560
actacctccc ccagctattc accgagcacc cgggcctggg ttttgaggtc gaggagggaa	4620
acatgaccga ggtgatgcag accctgcggg ccagaaacat ataccccgcc gtccctgggccc	4680

gggtgggcca	ggcgggggca	gatcagatgt	ttgaggtgca	gcacgggtca	gagacgggtgt	4740
tccgccagtc	cctgagtctg	ctactgagca	cctgggtccac	ctttgccacc	gagcagtacg	4800
agtttctgcg	cccggggcgc	ctcaaccgat	ccatgcacgt	gtccgactac	ggcgagaatg	4860
aagcgctggc	catctcgccg	ttaacaggaa	agaatctcgg	cctgcgccgc	ctggtgacag	4920
agccggaccc	tcgctgtcgg	gtggccgtgc	tctgtgcccc	ggggaccagg	ggccacgaga	4980
gcctcctggc	ggccttcact	aacgcggggg	gcctgtgtca	gcgggtatat	ttccgcgacg	5040
tcaggagagc	cacgttcttt	gacaagtatg	cggggctggc	cggttgaggc	gtccacgcgg	5100
ccagggacgc	ccccctagcc	ggccgtgcca	ccgtggctct	gattgatcgc	tcacccgccc	5160
tgcgagacgc	cctgctgaag	ttcctggcca	ggcccgagac	gttttccctg	ggcctggggg	5220
agctaggggt	gcaggtcctt	gccggcctcg	gggctgtggg	gtccacggac	ccaacgcccg	5280
agccgggggt	agaaattaat	gtccagagat	cacccttgat	tctgacaaca	aatgcctcgg	5340
gattgtttga	atcacgctgg	ctaaacttca	gcgtgccaca	cgacaccaaa	tcggtcatgc	5400
tgcggtggcat	ccggggctgc	gtcctgcctt	gctggattca	gggctcacat	ctgggactgg	5460
aattcactaa	tcccgcctatg	ccttatgttt	tacagaactc	tcaccaaate	gcctgccact	5520
tccatagtca	tcgcactgac	ccctggcgcc	acgctgagca	ttatccacga	aatccctcgg	5580
agcggagcaa	catctcgggg	ctctgctcac	ccgacggccg	ccacctggca	ctcctgtgtg	5640
accgctcact	ttgcacagac	ttttggcaat	gggagtacat	tccttcgcgc	tttgccccct	5700
acacgggggtg	ctctccatgg	actcttatgt	ttcaagcagc	gcacctctgg	tcgctcaagc	5760
gcagccaccc	ctcttcataa	ccagtcgctt	cagtgaccca	aaacagcgca	gaccatagtc	5820
tggggccagtc	ccagctctta	acttaaaactt	ctgagttgag	aggggggttc	acgaaattag	5880
cacagaacac	gtgtgctgta	tttacaacaa	ctacaataaa	ctgtatagat	atggttttgtg	5940
tgattttgtgt	tcctagaaac	cccaatgagt	ggaaacctca	gacacgcgac	attaacttta	6000
accacaagag	gggtagtagt	tggagaaagt	aaccaaactct	ccgggaagtc	tccaattgcc	6060
ttcggttttcc	tatgattata	caaactctaga	gttacacctc	attacacaaa	tctcacgccc	6120
tcaaaaccca	cagaaaccca	agcggtcatt	ctataagata	acgagcgaaa	ataaggtgag	6180
gcctgcggac	attgggccct	ggattagagg	ataggactcg	ttcgcccccg	gtaggggtct	6240
gagaaaagcg	aaagggaaat	gcgcaggcaa	gtaggtaacg	gttcgggaaa	tcacagcacg	6300
gggctgaatt	cacggttcct	gacgccaggt	gggcaatatg	tgatgaatcc	cccaaatca	6360
cttctagggg	aagcgaagtc	ttacaatcag	caccggggcg	gtggaaagcc	acgggaagga	6420

gtttctgtta tcatcataaa tggtagagac cctaggttgc gcggcggggt ttctcacaca	6480
agtccccac agggatccag aaataggtgg acataaaaag ctagggagta gaacaccgtt	6540
cataccacca gatggcgggc gtgaggagaa aggagatatt gtcacccgc ccagtctcag	6600
tgacgtaatt cggacctcag ggatattatg aactgagct agtgaacacc cgggacctac	6660
gctgccctag cggttatgct ggggaggaga tgagtgtgac ttaaatacacc cgtcccggtt	6720
acaagtcccg ggtggtgaag acggggtctg gtgctgctaa aagtttgac agtccccgtt	6780
ttctgctctc ttcggttcaa accagctggt ggtccgctg tttgttctg gcttttctt	6840
tcagttttga aaccctgtta ttatagcgt tgcacctggt tctcccggtg ctatttttgg	6900
ccaacaaggc cgcctgacg tagcataacc ttgagttctt tgatgttcaa aaccagtga	6960
gcagttagga cattggctag cctagaggtt acggacagag gggggtggtg tgcgggttca	7020
tccgtccgtg ccgagtacaa gtcccgggaa ggggagaaga gcggctcccg cctatgtgca	7080
attgaagtca ggattctcca ccctccctgg caacgccagc caatgtccgc tcttttctt	7140
gtccttctgc tcccaacatc catactacac ccgccaggac ccacaaggc ccatccata	7200
ttataacaaa gtcccctgtc caacactgct acgtcaagggt gtacccgcta gtgaaaacag	7260
gccagagaac tcttgggaatt ccatacgctt gacctccaat gtccctaagc accgccacaa	7320
gaccctcaa agaccaccaa acaaccagca ccggcttagt tccagtcggt agtcatgcgg	7380
tggcaccac ccatgtctaa gtggagggt agcaacaaca gacgtagctg caattctatt	7440
attcaacggc agaagaaggc cagcctgcga aacttcacgc ccccgagaa ggttaagacc	7500
cccaatatag taggatagca tatgctatca aaagggtaca ctaggatagc atatactacc	7560
ctaacatatc aggataacat atgctaccca aagctaggat agtatacact acccacctaa	7620
attgggatag catatgctac ccaactaaat taggatagca tatgctaccc aactaaatta	7680
ggatagcata tgctaccgaa agctaggata gtatacacta ccaactaaa ttaggaaagc	7740
atatgctacc gaaagctagg atagtataca ctacccaact aaattagggt agcatatgct	7800
accgaaagct aggatagtat aactaccca actaaattag gatagcatat gctaccaca	7860
gctatgatag tatacactac ccaactaaat taggatagca tatgctacgc aaagctagga	7920
tagcatatgc taccagatc tattaggata gtatatgcta cccgctatta agatagcata	7980
tgctatccca actttaggac agcatatact acccagctgt actaggatag catatgctac	8040
cccaatatta agatagtata tgctatccaa tattaggata gcatatgcta cctaactata	8100

tctggatagc	atatgctacc	cgaacttata	tggatagcat	ctgctatcct	aattgttggt	8160
agcgtatgct	atccaaacct	atactaggac	ccccatcttc	atattaatth	cagacccccg	8220
aatctactta	cccatgcccc	tactcatccc	cgtgaagcat	ctgcctacga	gggggcatgc	8280
acccccgttc	tctctgggag	ccccactccc	ggggtcgctc	tctgtgctgt	tagggcccc	8340
gaccctccgt	ggcgcaagta	ctccctgggg	tgctattact	tggttttgag	ggtaaaaccc	8400
acaaacctca	gttaccacag	tggttaaaag	ggtcagggac	gacattatgt	atgcgacccc	8460
aatttcccca	gtgtaaacct	cagtgtgggtg	agctgacacc	cctagcccgt	gccaccact	8520
tggtactccc	agggcaaagc	ccccgtcctg	caccctgtac	tatctgggga	gccttttcgc	8580
cggtagagtc	tcttgaaccc	ccgggtatgt	gagcgggtca	gaaagactcg	acggccccctg	8640
ggtgtcctcg	cccatgttct	cgttacaatg	agtgaatgac	cacctggtac	accagcctag	8700
ccccctctgt	gacacgcctt	acttgggtca	gcctacgggg	accgtggata	gcctatgcta	8760
tctacagggt	cagatgggag	gtggtctctg	acagtgaact	cccacatccc	atactcctgg	8820
tcagggtggg	gagacatgaa	caacaccaag	attagctaaa	catccagggt	aaacagcctg	8880
ccccgcgcc	caggctccca	gttttaagtt	agcaattcgt	ggccacattc	cacgccagga	8940
atttcttgtc	taaatggggc	tggggaagtt	tagcctgctg	ccaaagcaca	aacacatcag	9000
tacaccactt	taacactggt	ttgttcttgg	gtggtgctga	agtgctcaca	tttgtcaggc	9060
caaaggctat	agctcacggc	agaaaaccag	actgacattc	tatcagctaa	acggcagaga	9120
agcaaaatgc	aggcgaagat	tcaggccccc	gccagggcg	cccctcggac	ctcagccgcc	9180
acccccgggc	tacaagggtt	cttcatggag	gtgagctttc	gaacctaggt	cgtttccatg	9240
gatactgttc	atcgcccacg	atatatagct	gcaatctttg	aggatgagat	tttagctgtg	9300
ttggatagca	catactgccg	gccgggcagc	atttgcctatc	cggcgggtag	tacatactac	9360
ccaactaggg	tttgcctggtg	tgtttgaaaa	acatctgccc	ccgaggaccc	cttgggggtgt	9420
gacccttgg	taacagccta	gataccattg	tgacgcacca	gcctaccgc	cccacgcgcc	9480
ttgggttccc	gcggggccac	acccgcctgg	cacaggccta	tgatctgcag	cttaggggtt	9540
caaaacatcc	cgaccttgag	tcaggctctga	gagggtgctg	cgcttggttt	caatgcgcct	9600
gccctcact	gttggcaa	gcacacgtgc	atttctgggg	gtgtaaggca	cgcgtggatg	9660
ccgcgttggg	acgggccctt	atactgcccc	ccacatatgt	cagctttgaa	gtggggcacg	9720
gggtgccagt	tgcttgggtc	atcttctggg	gtagtatatg	ctatcaccgc	ggcagtactt	9780
cctaccggg	aaccgaaac	tttgtttccc	agcagtgata	aaaatagaac	atacaggaat	9840

tgccaggggtg	tgtcaccaag	cctaaggcaa	gttatgctcc	ataaattagc	tccccgcttc	9900
aggtacgcat	gcacacggca	tggggctgag	gtcaggcctc	actctgcaat	gcctgggtgat	9960
tctgcaatgc	ctgggtgatgc	tctatctggc	acccgcgtgt	aaggggtgtga	gcaattgtgg	10020
caacctcccc	cacatgctca	gggacctgag	agatgccttc	agtcgggtga	agaccttctt	10080
ccagatgaag	gatcagctag	ataacatttt	gctcaaagag	tccctgctgg	aggatttcaa	10140
gggctacctg	ggatgtcagg	cctgtctga	aatgatccag	ttttacctgg	aggaagtaat	10200
gccacaggct	gaaaatcagg	acccccacgc	caaagagcac	gtgaactctc	tgggcgagaa	10260
tctaaagacc	ctaaggcttc	gcttgccgag	gtgccacagg	tttctcccg	gtgaaaacaa	10320
gagcaaggct	gtggagcagg	tcaagaatgc	cttcagcaag	ctgcaggaaa	aaggagtcta	10380
caaagccatg	agtgaatttg	acatttttat	taactatata	gaagcataca	tgaccatgaa	10440
aattcgcaga	taattccata	atctggaaaa	gggtgccaga	ttctggattc	cttgctcccc	10500
aaacccccact	cttcactttc	atttacaata	aaatgaaact	tttcttcttg	gttgcttctt	10560
gtgttctgac	ccgccaagt	accttctgt	gggtctccca	cgggagaaac	aataggttct	10620
acagaagggc	actgacgcag	ttttcgctag	tgggggtttac	cgggccaggg	ctgttactga	10680
aaatcatgtt	ctctaccag	cccacaagca	cttagctctc	attctatacg	gttaacggga	10740
agagaagtgg	ggagggcaca	cgccagctgg	ccttaaaggc	cagcctgcca	aagtccgccg	10800
cccattcact	ctatcctcca	ctagaggccg	cccatgggcc	atgagatagg	ctccgaagcc	10860
agccagcagg	ccatacggct	ctcaagcctt	gcatggggag	acagcggggc	ggtgggcaat	10920
gcgccaccac	tgaaaggccc	gcgaaatttt	ggcatggcca	acccaaagtt	agcccagcct	10980
gccacagtgc	acctaaagca	ggcggcgctg	cgggtgacgg	gggtcttctt	tgacggaggg	11040
gggtctccgc	gcgacctctg	aaagcatttc	taaccacca	cccgccaca	ggttgcccca	11100
cccgcgatac	ccaccacgtt	tacttccaag	attcccacta	tggtcctatt	ttccccggcc	11160
caggtaaaaa	cacagggggc	gaaattgctt	caaaggcggg	cgccaccatg	aagccaccga	11220
aacctgccc	ctgtgaatgt	cacgggatgc	taagtagtgc	taaacaacc	gtgggaaaaa	11280
atttatgctt	cagtgttct	agtactatta	gttgctacca	taaaaccctg	aagcccgttg	11340
gcgggagaag	gcctaacgct	tactaagggt	ggagcgaagc	cctcgggcca	atgaaaaaac	11400
tcgaggccat	tggcccctgg	gacatcgaag	gtggagcaat	ccctaaaatg	ggggtaactt	11460
aaggcgtgtc	cacaaaaggg	gtcttatcgg	gtggagttaa	ttgcgcctag	tttgcgcaaa	11520

cctatctaata tctccctcta cgtaaaatgt aggccttggc caatcagcgg tccctaaggg 11580
gggctgctaa ggacccacta caaatactct gtgcactggg tcaaactctg gatcagatgg 11640
catagaggca aagaccaacg accccaggat cctcattgcg gggtcctcgc catgcggcca 11700
agtaggcca actaacacta caaaaccttc tcctactgtt catcatttaa ccggcaaaaa 11760
tcatctaaac cgtaagtcta acggcttcct ggaacaaact caggaggccg tgatgcacag 11820
tcgggtattat gcatttttct tgggaatata aattagattt attgtatatg gtgttgact 11880
cttgtatgtc cagattgcta atttatgtga ttcttcttcc ctctaggagt gaagcagcca 11940
gatttctgca cgtgagcatg tatcctaaat aattattatc taataagtga aataattaga 12000
aactcataaa agcattctcc ttccagtaac tctaacgatg aactttattt gactgtgtgg 12060
gttctgtttt ggcgggtgtct gtagacacta gcttttccca tgtgagggtt acttcccctt 12120
tcatgagaat gtgaataata gaaatatccg ggagactcga aagttatttt ggtaagttc 12180
ctcattttgt ctttcatgaa atcttttagt tgaaatttaa gttgatcaag aggtctcaa 12240
tcatgggagg gctagtacac acgcttcttg ctcttcacag gaacctgggg tctagtctgg 12300
gtgggatcag gctaaccxaa gtcgcctcaa cccgggcttc aggccgcct cagtcccctc 12360
gcccctgggc ctcaggccct ccgcgtcccc gtcctccaga gtcacgggtt acaggccctg 12420
cctctcccctc tacagtccca gagtcccggg ctggacacat gagccaggcg ccggggcctt 12480
tcaggccctc gggcccctct ggactccggc ttcccctatc cagccgtcc ccggcctcct 12540
ctcctcccctg ccttcccctc ctctctgtcc tccccgcctc tcccacgagc ccatgtgtcc 12600
ccacaagccc agaaccggc cctcgaggcc tcacagccca ggccaggcca ccttagacct 12660
ggccaggccc cataactaaa gaccagtggt ccattctctc tggtaacgag cagagaggaa 12720
gtagaggccc gcggccattg gggccagcaa gcgagaccag ccagaggcc cgagggttga 12780
gccggcgggc gccaccaggc cccaacaccc ggctcccctc agtggacaga gacagggtta 12840
gagccctccg gcggccggac ccgaggaggc gcctggggcg aggtgggtg gctgggcagg 12900
ccgggtctcg ggtctggggg tctgtggtgg tgagcctggg gcctctggag gccctggccc 12960
cgcccggtgg ccttggggta gctctgggag tcagagagtc ggcctaggcc cggggagtgg 13020
agggggatcg cccgggtctc tgctggcaga gtctgagcga tcctccgaga ctccggggccc 13080
caaggcggcc gccctcagtc ccccagacag accccagggt cgccaggcgg ggtccggcct 13140
ctcctggggc agcaggctca acaccccgga cctcccaggc ccaagaccg gcctgcccgg 13200
cctgcccggc ctgctccgg gcgcctcctc ggggttcagc gctggctggc tctgcccctc 13260

tctctgtcct ccagggggaa ccaggggacc ggcgccccag agcccctcgg gtccgcctcc 13320
aggcgtcctc ctggtctccg ctcccctctg agccccgttg aacccaaaga atgtcagagg 13380
ggagccgccc tcggggccca gggcccctag tccagaggac ggaggagcac ctcagggtgc 13440
ctccccgggt cccaggccag ccggagggac cccggcagcc cgggtggccc cagaggccaa 13500
agtctcacc cctctccagg gcttcagagc ccagaacgtc ccgagaaggg acccgagcag 13560
ccccgtcccc gcccgccegg ccagagactc tccctcgcgg acaggggcct cccagggcc 13620
tccagtccag acccagagac gcccaggagg ccctggtccc cagcagcctc tcccctccct 13680
cctcccctct tccccctcca cccagtccc cccccccgc tttcggcctc tcgggtccac 13740
caggccggcc ggagggaccc cggcagccc ggagagccgc cttacctctc ccctggcctg 13800
tcctccccgc ctccctcccc gggccccctc agcttgtctc cccaccgggt ccatcaggcc 13860
ggccggaggg accccggcgg cccggtgtgc cagcgtcccc cgcagccgc cagtctctgc 13920
ctccaggcaa gggcgcccgc ctcccctcc tctctcctc cccagggcc cggctcctga 13980
gctcactgtc ccaagtccag cccagaacc agcctcccag gccgtccac tcgccccgag 14040
tccagccccg tccacctgt ccccgagg ccaggccctc cgtcctcct ggccactccc 14100
caccctccc cggccacccc aggccgtcc aggggggact ttaggtgacc ctcgggcctg 14160
gcttaccata gactcccatg taagcctgcc tcgagtaggt gccctctgag cccccttgc 14220
cccctggcag gccagccga ccccagccg ccccaaacc tcgccacac gtccaggggt 14280
cctcgaggaa gaggccagtc cactcagcc ccgtgtccac tgcccagttc ccccaggag 14340
cccctaaaag tagggactca ggccatgcgc gccagttgg cgggcctgtc agacagccct 14400
gtctagggcc gggagaggca gcccagagg gggcacagga gcaggcagtc tctggtagtg 14460
at ttggacc caaatctgac acttttagagt tctggaggac tttaaaactt gaaaaatcta 14520
aacttttgag gcgatctggg cgccattttg tctccgcgtg cgcataatgg cggccctgga 14580
cccaggaaac ggggtctatg ttggctgcgc cacgtctatc tttagagggg aaaagaggaa 14640
tcagtcccta aaagaggga gggggcttga tttttaatt tggtaaatgt caggggccag 14700
gggggttcgc gttgccaggc caccttctca gtccagtgcg tttacgtaag ccggacagca 14760
gccaattgcc agttctaggg agggggacca ctgccccctg gtataaagt gcccagcaac 14820
tatttctggc agcatcagag cgccagaagc ccacagagat gtaagacagg ggtcttctac 14880
ctcactctag ccctccaggc cctccaggc cccaggccta acttctaact ctgtcccctt 14940

ccttcctcgc	cccatcgccct	tgcctcgccg	ccggggccac	ctccaccgtc	atcgccggct	15000
ccgccatcca	agcctagggg	agacccaagc	gaagccaccg	gaccttccag	gcccggggccc	15060
ccaggtctcg	ggccagaggt	aagtggactt	tcattttattc	cgctcagccc	accactccac	15120
cacaccaggg	cacacactac	acacagccac	ccatctcagg	gccccttcgg	agacctcctg	15180
agaaggcgca	ggcacaacag	cccaaccggc	ggagaccac	aaggaccac	acgcgtccgc	15240
aggaggggtct	tccttgaaga	agaggacggg	ccggtaagcg	gtccaccagt	aagggtaggt	15300
aacttcacct	ccagggccca	catcatggga	gggctagtac	acacgcttct	tgtctttcac	15360
aggaacctgg	ggtctagtct	gggtgggata	aggctaacc	aagtcgcctc	aaccggggct	15420
tcaggcccg	ctcagtcctc	tcgcccctgg	gcctcaggcc	ctccgcgtcc	ccgtcctcca	15480
gagtcacggg	ctacaggccc	tgcctctccc	tctacagtcc	cagagtcccg	gtctggacac	15540
atgagccagg	cgccggggcc	tttcaggccc	tcggggccct	ctggactccg	gcttccccat	15600
cccagccgct	ccccggcctc	ctctcctccc	tgccttccct	ccctctctgt	cctccccgcc	15660
tctcccacga	gcccattgtg	ccccacaagc	ccagaaccgc	gccctcgagg	cctcacagcc	15720
caggccaggc	caccttagac	ccggccaggc	cccataacta	aagaccagct	ggccattctc	15780
tctggtaacg	agcagagagg	aagtagaggc	ccgcggccat	tggggccagc	aagcgagacc	15840
agcccagagg	cccagaggtg	gagccggcgg	gcccaccag	gtcccaacac	ccggtccctc	15900
ctagtggaca	gagacagggg	tagagccctc	cgggggcccg	acccgaggag	gcgcctgggc	15960
gaggctgggt	ggctgggcag	gccgggtctc	gggtctgggg	gtctgtgggt	gtgagcctgg	16020
tgcctctgga	ggccctggcc	ccgcccgggt	gccttggggg	agctctggga	gtcagagagt	16080
cggcctaggc	ccggggagtg	gagggggata	gcccgggtct	ctgctggcag	agtctgagcg	16140
atcctccgag	actccgggcc	ccaaggcggc	cgccctcagt	ccccagaca	gacccagggg	16200
tcgccaggcg	gggtccggcc	tctcctgggg	cagcaggctc	aacaccccg	acctcccagg	16260
cccaagacct	ggcctgccc	gcctgcccgg	cctcgctccg	ggcgctcctc	cgggttcagc	16320
cgctggctgg	ctctgcccct	ctctctgtcc	tccaggggga	accaggggac	cggcgcccca	16380
gagccctcgc	ggtccgcctc	caggcgctct	cctgggtctc	gtccccctct	gagccccgtt	16440
gaacccaaag	aatgtcagag	gggagccgcc	ctcgggggcc	agggccctta	gtccagagga	16500
cggaggagca	cctcaggggt	cctccccggg	tcccaggcca	gccggaggga	ccccggcagc	16560
ccgggtggcc	ccagaggcca	aagtcctcac	ccctctccag	ggcttcagag	cccagaacgt	16620
cccgagaagg	gacccgagca	gccccgtccc	cgcccgcccc	gccagagact	ctccctcgcg	16680

gacagggggcc tcccaggggcc ctccagtcca gaccagaga cgcccaggag gccctgggtcc 16740
ccagcagcct ctccccctccc tcttccccctc ttccccctcc accccagtc ccccccccg 16800
ctttcggcct ctcggttcca ccaggccggc cggagggacc ccggcagccc gggagagccg 16860
ccttacctct cccctggcct gtcttccccg cctccccctc cggccccctt cagcttgtct 16920
ccccaccggg tccatcaggc cggccggagg gaccccggcg gcccggtgtg ccagcgtccc 16980
ccgcagccgc ccagtctctg cctccaggca agggcgcccg cctccccctc ctctctccct 17040
ccccgaggcc ccggctcctg agctcactgt cccaagtcca gcccagaac cagcctccca 17100
ggcccgtcca ctgccccga gtccagcccc gtccaccctg tccccgcag gccaggccct 17160
ccgtctctcc tggccactcc ccacccctcc ccggccacc caggcccgtc caggggggac 17220
tttaggtgac cctcgggcct ggcttaccat agactcccat gtaagcctgc ctcgagtagg 17280
tgccctctga gccccctttg cccctggca ggccagcccg accccagcc gccccaaac 17340
ctgcccaca cgtccagggg tctcagagga agaggcccag tccactcagc cccgtgtcca 17400
ctgcccagtt cccccagga gcccctaaaa gtagggactc aggccatgcg cgcccagttg 17460
gcgggcctgt cagacagccc tgtctagggc cgggagaggc agccccagg cgggcacagg 17520
agcaggcagt ctctggtagt gatttgacc ccaaactctga cactttagag ttctggagga 17580
ctttaaaact tgaaaaatct aaacttttga ggcgatctgg gcgccatttt gtctccgcgt 17640
gcgcataatg gcggccctgg acccaggaaa cgggtctatg gttggctgcg ccacgtctat 17700
ctttagaggg gaaaagagga atcagtcctt aaaagaggga agggggcttg atttttaaat 17760
ttggtaaagt tcagggccca ggggggttcg cgttgccagg ccaccttctc agtccagtgc 17820
gtttacgtaa gccggacagc agccaattgc cagttctagg gagggggacc actgccccct 17880
ggtataaagt ggcccagcaa ctatttctgg cagcatcaga gcgccagaag cccacagaga 17940
tgtaagacag ggggtcttcta cctcactcta gccctccagg ccctccgagg cccagggcct 18000
aacttctaac tctgtccctt tcttccctc gcccatcgcc ttgccctgcg cccggggcca 18060
cctccaccgt catcgccggc tccgccatcc aagcctaagg gagaccaag cgaagccacc 18120
ggaccttcca ggcccgggcc cccaggtctc gggccagagg taagtggact ttcatattt 18180
ccgctcagcc caccactcca ccacaccag gcacacacta cacacagcca cccatctcag 18240
ggcccccttcg gagacctcct gagaaggcgc aggcacaaca gccaaccgg cgagagacca 18300
caaggacca cagcgtccg caggagggtc ttccttgaag aagaggacgg gccggtaagc 18360

ggtccaccag	taagggtagg	taacttcacc	tccagggccc	acatcatggg	agggctagta	18420
cacacgcttc	ttgctcttca	caggaacctg	gggtctagtc	tgggtgggat	caggctaacc	18480
caagtcgcct	caacccgggc	ttcaggcccc	cctcagtcct	ctcgcccttg	ggcctcaggc	18540
cctccgcgtc	cccgtcctcc	agagtcacgg	gctacaggcc	ctgcctctcc	ctctacagtc	18600
ccagagtccc	ggtctggaca	catgagccag	gcgccggggc	ctttcaggcc	ctcgggcccc	18660
tctggactcc	ggcttcccc	tcccagccgc	tccccggcct	cctctcctcc	ctgccttccc	18720
tccctctctg	tcctccccgc	ctctcccacg	agcccatgtg	tccccacaag	cccagaacct	18780
ggccctcgag	gcctcacagc	ccaggccagg	ccaccttaga	cccggccagg	cccataact	18840
aaagaccag	tggccattct	ctctggtaac	gagcagagag	gaagtagagg	cccgcggcca	18900
ttggggccag	caagcgagac	cagcccagag	gcccagaggt	ggagccggcg	ggcgccacca	18960
ggtcccaaca	cccgggtccc	tctagtggac	agagacaggg	ttagagccct	ccggcgggcg	19020
gacccgagga	ggcgcttggg	cgaggctggg	tggctgggca	ggcgggtct	cgggtctggg	19080
ggtctgtggt	ggtgagcctg	gtgcctctgg	agggcctggc	cccggccggg	ggccttgggg	19140
tagctctggg	agtcagagag	tcggcctagg	cccggggagt	ggagggggat	cgcccgggtc	19200
tctgctggca	gagtctgagc	gacccctcca	gactccgggc	ccaaggcg	ccgcccctag	19260
tccccagac	agaccccagg	gtcgccaggc	ggggtcgggc	ctctcctggg	gcagcaggct	19320
caacaccccg	gacctcccag	gcccagacc	cggcctgccc	ggcctgccc	gcctcgctcc	19380
gggcgcctcc	tcgggttcag	ccgctggctg	gctctgcccc	tctctctgtc	ctccaggggg	19440
aaccagggga	ccggcgcccc	agagcccctc	gggtccgcct	ccaggcgctc	tcctgggtctc	19500
cgctcccctc	tgagccccgt	tgaacccaaa	gaatgtcaga	ggggagccgc	cctcggggcc	19560
cagggcccct	agtccagagg	acggaggagc	acctcaggg	gcctccccgg	gtcccaggcc	19620
agccggaggg	accccggcag	cccgggtggc	cccagaggcc	aaagtctca	cccctctcca	19680
gggcttcaga	gcccagaacg	tcccagaga	ggacccgagc	agccccgtcc	ccgcccggcc	19740
ggccagagac	tctccctcgc	ggacaggggc	ctcccagggc	cctccagtcc	agacccagag	19800
acgcccagga	ggccctggtc	cccagcagcc	tctcccctcc	ctcctcccct	cttccccctc	19860
caccccagtc	cccccccccc	gctttcgggc	tctcgggtcc	accaggccgg	ccggaggggac	19920
cccggcagcc	cgggagagcc	gccttacctc	tcccctggcc	tgctctcccc	gcctccctcc	19980
ccggcccccc	tcagcttgtc	tccccaccgg	gtccatcagg	ccggccggag	ggacccccggc	20040
ggccccgtgt	gccagcgctc	cccgcagccg	cccagtctct	gcctccaggc	aagggcgccc	20100

gcctccccct cctctctccc tccccgagge cccggctcct gagctcactg tcccaagtcc 20160
 agccccagaa ccagcctccc aggcccgctc actcgccccg agtccagccc cgtccaccct 20220
 gtcccccgca ggccaggccc tccgtcctcc ctggccactc cccaccctc cccggccacc 20280
 ccaggcccggt ccagggggga ctttaggtga ccctcgggccc tggcttacca tagactccca 20340
 tgtaagcctg cctcgagtag gtgccctctg agcccccttt gccccctggc aggccagccc 20400
 gacccccagc cgcccccaaa cctcgccac acgtccagggt gtctctgagg aagaggccca 20460
 gtccactcag ccccggtgcc actgcccagt tccccccagg agcccctaaa agtagggact 20520
 caggccatgc gcgcccagtt ggcgggcctg tcagacagcc ctgtctaggg ccgggagagg 20580
 cagccccgag gcgggcacag gagcaggcag tctctggtag tgatttgga cccaaatctg 20640
 acactttaga gttctggagg actttaaaac ttgaaaaatc taaacttttg aggcgatctg 20700
 ggcgccattt tgtctccgcg tgcgcataat ggcggccctg gaccaggaa acgggtctat 20760
 ggttggtctg gccacgtcta tcttttagagg ggaaaagagg aatcagtccc taaaagaggg 20820
 aagggggcctt gatTTTTTaaa tttggtaaat gtcagggccc aggggggttc gcgttgccag 20880
 gccaccttct cagtccagtg cgtttacgta agccggacag cagccaattg ccagttctag 20940
 ggaggggggac cactgcccc tggtataaag tggcccagca actatttctg gcagcatcag 21000
 agcgccagaa gccacagag atgtaagaca ggggtcttct acctactct agccctccag 21060
 gccctccgag gcccaggcc taacttetaa ctctgtcccc ttcttccct cgcccatcgc 21120
 cttgccctgc gcccggggcc acctccaccg tcctcgccgg ctccgccatc caagcctaag 21180
 ggagacccaa gcgaagccac cggaccttcc aggcccgggc cccaggtct cgggcccagag 21240
 gtaagtggac tttcatttat tccgtcagc ccaccactcc accacacca ggcacacact 21300
 acacacagcc acccatctca gggcccttcc ggagacctcc tgagaaggcg caggcacaac 21360
 agcccaaccg gcggagaccc acaaggaccc acacgcgtcc gcaggagggt cttccttgaa 21420
 gaagaggacg ggccggtaag cggtcacca gtaagggtag gtaacttcac ctccagggcc 21480
 cacatcatgg gagggctagt acacacgctt cttgctcttc acaggaacct ggggtctagt 21540
 ctgggtggga tcaggctaac ccaagtgcgc tcaaccggg cttcaggccc gcctcagtc 21600
 cctcgccctt gggcctcagg ccctccgct ccccgctctc cagagtcacg ggctacaggc 21660
 cctgcctctc cctctacagt cccagagtcc cggctctggac acatgagcca ggcgccgggg 21720
 cctttcaggc cctcgggccc ctctggactc cggcttcccc atcccagccg ctccccggcc 21780

tccctctcctc cctgccttcc ctccctctct gtccctcccc cctctccac gagcccatgt	21840
gtccccacaa gcccagaacc cggccctcga ggccctcacag cccaggccag gccaccttag	21900
acccggccag gcccataac taaagaccca gtggccattc tctctggtaa cgagcagaga	21960
ggaagtagag gcccgccggc attggggcca gcaagcgaga ccagcccaga ggcccgaggt	22020
tggagccggc gggcgccacc aggtcccaac acccggtccc ctctagtggg cagagacagg	22080
gttagagccc tccggcgggc ggacccgagg aggcgcctgg gcgaggctgg gtggctgggc	22140
aggccgggtc tccgggtctgg gggctctgtg tggtagacct ggtgcctctg gaggccctgg	22200
ccccgcccgg tggccttggg gtagctctgg gtagtcagaga gtcggcctag gcccggggag	22260
tggaggggga tgcggcggt ctctgctggc agagtctgag cgatcctccg agactccggg	22320
ccccaggcg gccgcctca gtccccaga cagaccccag ggtcgccagg cggggtcagg	22380
cctctcctgg ggcagcaggc tcaacacccc ggacctcca ggccaagac ccggcctgcc	22440
cggcctgccc ggcctcgtc cgggcgcctc ctccgggttca gccgctggct ggctctgccc	22500
ctctctctgt cctccagggg gaaccagggg accggcgccc cagagcccct cgggtccgcc	22560
tccaggcgtc ctctgggtct ccgctccct ctgagccccg ttgaacccaa agaatgtcag	22620
aggggagccg ccctcggggc ccaggggccc tagtccagag gacggaggag cacctcaggg	22680
tgcctccccg ggtcccaggc cagccggagg gaccccgga gcccggtgg cccagaggc	22740
caaagtccct accctctcc agggcttcag agcccagaac gtcccagaa gggaccagag	22800
cagccccgtc ccgcccgc cggccagaga ctctccctcg cggacagggg cctcccaggg	22860
ccctccagtc cagaccaga gacgcccagg aggccttgg cccagcagc ctctccctc	22920
cctcctcccc tcttccccct ccaccccagt ccccccccc cgctttcggc ctctcgggtc	22980
caccaggccg gccggaggga cccgggcagc ccgggagagc cgccttacct ctccctggc	23040
ctgtcctccc cgcctccctc cccggcccc ctccagcttgt ctccccaccg ggtccatcag	23100
gccggccgga gggaccccgg cggcccgggtg tgccagcgtc ccccgagcc gccagtcctc	23160
tgcctccagg caagggcgcc cgcctcccc tctctctctc ctccccagg cccgggtcc	23220
tgagctcact gtcccaagtc cagccccaga accagcctcc caggcccgtc cactcgcccc	23280
gagtcagcc ccgtccacc tgtccccgc agggcaggcc ctccgtctc cctggccact	23340
ccccaccct cccggccac cccaggccc tccagggggg actttagggtg accctcgggc	23400
ctgggttacc atagactccc atgtaagcct gcctcgagta ggtgcctct gagccccctt	23460
tgccccctgg caggccagcc cgacccccag ccgcccccaa acctcgccca cacgtccagg	23520

ggtcctcgag gaagaggccc agtccactca gccccgtgtc cactgcccag ttccccccag 23580
 gagcccctaa aagtagggac tcaggccatg cgcgcccagt tggcgggcct gtcagacagc 23640
 cctgtctagg gccgggagag gcagccccga ggcgggcaca ggagcaggca gtctctggta 23700
 gtgatttgga ccccaaactct gacacttttag agttctggag gactttaaaa cttgaaaaat 23760
 ctaaactttt gaggcgatct gggcgccatt ttgtctccgc gtgcgcataa tggcggccct 23820
 ggaccagga aacgggtcta tggttggctg cgccacgtct atcttttagag gggaaaagag 23880
 gaatcagtcc ctaaaagagg gaagggggct tgatttttaa atttggtaaa tgtcagggcc 23940
 caggggggtt cgcgttgcca ggccaccttc tcagtccagt gcgtttacgt aagccggaca 24000
 gcagccaatt gccagttcta gggaggggga ccactgcccc ctggtataaa gtggcccagc 24060
 aactatttct ggcagcatca gagcgccaga agcccacaga gatgtaagac aggggtcttc 24120
 tacctactc tagccctcca ggccctccga ggccccaggc ctaacttcta actctgtccc 24180
 ctcccttccc tcgcccacg ccttgccctg cgcccggggc cacctccacc gtcacgccc 24240
 gctccgccat ccaagcctaa gggagaccca agcgaagcca ccggaccttc caggcccggg 24300
 cccccaggtc tcgggccaga ggtaagtgga ctttcattta ttccgctcag cccaccactc 24360
 caccacacc aggcacacac tacacacagc caccatctc agggcccctt cggagacctc 24420
 ctgagaaggc gcaggcacia cagcccaacc ggcggagacc cacaaggacc cacacgcgtc 24480
 cgcaggaggg tcttccttga agaagaggac gggccggtaa gcggtccacc agtaagggtg 24540
 ggtaacttca cctccagggc ccacatcatg ggagggctag tacacacgct tcttgctctt 24600
 cacaggaacc tggggctctag tctgggtggg atcaggctaa cccaagtcgc ctcaaccgg 24660
 gcttcaggcc cgctcagtc ccctcgcccc tgggcctcag gccctccg 24720
 ccagagtcac gggctacagg ccctgcctct ccctctacag tcccagagtc ccggtctgga 24780
 cacatgagcc aggcgcggg gcctttcagg ccctcgggcc cctctggact ccggttccc 24840
 catcccagcc gctccccggc ctctctctct ccctgccttc cctccctctc tgtctctccc 24900
 gcctctccca cgagcccatg tgtccccaca agcccagaac ccggccctcg aggcctcaca 24960
 gccaggcca ggccacctta gaccgggcca gggcccataa ctaaagacc agtggccatt 25020
 ctctctggta acgagcagag aggaagtaga ggcgcggc cattggggcc agcaagcgag 25080
 accagcccag agggccgagg ttggagccgg cgggcggcac caggtcccaa caccgggtcc 25140
 cctctagtgg acagagacag ggttagagcc ctccggcggc cggaccagag gaggcgcctg 25200

ggcgaggctg ggtggctggg caggccgggt ctcgggtctg ggggtctgtg gtggtgagcc 25260
 tgggtgcctct ggagggcctg gccccgcccg gtggccttgg ggtagctctg ggagtcagag 25320
 agtcggccta gggccgggga gtggaggggg atcgcccggg tctctgctgg cagagtctga 25380
 gcgatacctcc gagactccgg gcccgaaggc ggccgcctc agtccccag acagaccca 25440
 gggtcgccag gcgggggtccg gcctctcctg gggcagcagg ctcaacaccc cggacctccc 25500
 aggcccaaga cccggcctgc ccggcctgcc cggcctcgct ccggggcgct cctcgggttc 25560
 agccgctggc tggctctgcc cctctctctg tcctccaggg ggaaccaggg gaccggcgcc 25620
 ccagagcccc tcgggtccgc ctccaggcgt cctcctggtc tccgtcccc tctgagcccc 25680
 gttgaaccca aagaatgtca gaggggagcc gccctcgggg ccagggccc ctagtccaga 25740
 ggacggagga gcacctcagg gtgcctcccc ggggtcccagg ccagccggag ggaccccggc 25800
 agcccgggtg gccccagagg ccaaagtctt caccctctc cagggttca gagcccagaa 25860
 cgtcccgaga agggaccga gcagccccgt ccccgccgc ccggccagag actctccctc 25920
 gcggacaggg gcctcccagg gccctccagt ccagaccag agacgccag gaggccctgg 25980
 tccccagcag cctctccctt cctctctccc ctcttcccc tccacccag tcccccccc 26040
 ccgctttcgg cctctcgggt ccaccaggcc ggccggaggg accccggcag cccgggagag 26100
 ccgccttacc tctcccttgg cctgtcctcc ccgcctcct ccccgcccc cctcagcttg 26160
 tctccccacc ggggtccatca ggccggccgg agggaccccg gcggcccggt gtgccagcgt 26220
 cccccgcage cgcctcagct ctgcctccag gcaagggcgc ccgcctcccc ctctctctc 26280
 cctccccgag gccccggctc ctgagctcac tgtcccaagt ccagccccag aaccagcctc 26340
 ccaggcccggt ccaactgcctc cgagtcacgc cccgtccacc ctgtcccccg caggccaggc 26400
 cctcgcctct ccttgccac tccccacccc tccccggcca cccaggccc gtccaggggg 26460
 gacttttaggt gaccctcggg cctggcttac catagactcc catgtaagcc tgcctcagat 26520
 aggtgcctc tgagccccct ttgccccctg gcaggccagc ccgacccca gccgccccca 26580
 aacctgcctc acacgtccag gggtcctcga ggaagaggcc cagtccactc agccccgtgt 26640
 ccaactgccc gttccccca ggagccccta aaagtaggga ctcaggccat gcgcgcccag 26700
 ttggcggggc tgtcagacag ccctgtctag ggccgggaga ggcagccccg aggcgggcac 26760
 aggagcaggc agtctctggg agtgatttgg accccaaatc tgacacttta gagttctgga 26820
 ggactttaaa acttgaaaaa tctaaacttt tgaggcgatc tgggcgcat tttgtctccg 26880
 cgtgcgcata atggcgcccc tggaccagg aaacgggtct atggttggct gcgccacgtc 26940

tatcttttaga	ggggaaaaga	ggaatcagtc	cctaaaagag	ggaagggggc	ttgattttta	27000
aatttggttaa	atgtcagggc	ccaggggggt	tcgcgttgcc	aggccacctt	ctcagtccag	27060
tgcgtttacg	taagccggac	agcagccaat	tgccagttct	agggaggggg	accactgccc	27120
cctggtataa	agtggcccag	caactatttc	tggcagcatc	agagcgccag	aagcccacag	27180
agatgtaaga	caggggtctt	ctacctact	ctagccctcc	aggccctccg	aggccccagg	27240
cctaacttct	aactctgtcc	ccttccttcc	ctcgcccatc	gccttgccct	gcgcccgggg	27300
ccacctccac	cgtcatcgcc	ggctccgcca	tccaagccta	agggagaccc	aagcgaagcc	27360
accggacctt	ccaggccccg	gccccaggt	ctcgggccag	aggtaagtgg	actttcatth	27420
attccgctca	gccaccact	ccaccacacc	caggcacaca	ctacacacag	ccacctatct	27480
cagggccctt	tcggagacct	cctgagaagg	cgcaggcaca	acagcccaac	cggcggagac	27540
ccacaaggac	ccacacgcgt	ccgcaggagg	gtcttccttg	aagaagagga	cgggcccgtta	27600
agcgggtccac	cagtaagggt	aggtaacttc	acctccaggg	cccacatcat	gggagggcta	27660
gtacacacgc	ttcttgctct	tcacaggaac	ctgggggtcta	gtctgggtgg	gatcaggcta	27720
acccaagtcg	cctcaaccgg	ggcttcaggc	ccgcctcagt	cccctcgccc	ctgggcctca	27780
ggccctccgc	gtccccgtcc	tccagagtca	cgggctacag	gccctgcctc	tccctctaca	27840
gtcccagagt	cccgggtctg	acacatgagc	caggcgccgg	ggcctttcag	gccctcgggc	27900
ccctctggac	tccggcttcc	ccatcccagc	cgtccccgg	cctcctctcc	tccctgcctt	27960
ccctccctct	ctgtcctccc	cgcctctccc	acgagcccat	gtgtccccac	aagcccagaa	28020
cccggccctc	gaggcctcac	agcccaggcc	aggccacctt	agaccgggcc	aggccccata	28080
actaaagacc	cagtggccat	tctctctggt	aacgagcaga	gaggaagtag	aggcccgcgg	28140
ccattggggc	cagcaagcga	gaccagccca	gaggcccgag	gttgagaccg	gcgggcgcca	28200
ccaggtccca	acaccgggtc	ccctctagt	gacagagaca	gggttagagc	cctccggcgg	28260
ccggacccca	ggaggcgcc	gggcgaggct	gggtggctgg	gcaggccggg	tctcgggtct	28320
gggggtctgt	ggtggtgagc	ctggtgcctc	tggaggccct	ggccccgccc	ggtggccttg	28380
gggtagctct	gggagtcaga	gagtcggcct	aggcccgggg	agtggagggg	gatcgcccgg	28440
gtctctgctg	gcagagtctg	agcgatcctc	cgagactccg	ggccccaagg	cggccgcctt	28500
cagtccccca	gacagacccc	agggtcgcca	ggcgggggtc	ggcctctcct	ggggcagcag	28560
gctcaacacc	ccggacctcc	caggcccaag	accgggcctg	cccggcctgc	ccggcctcgc	28620

tccggggcgcc	tcctcggggtt	cagccgctgg	ctggctctgc	ccctctctct	gtcctccagg	28680
gggaaccagg	ggaccgggcg	cccagagccc	ctcgggtccg	cctccaggcg	tcctcctggt	28740
ctccgctccc	ctctgagccc	cgttgaaccc	aaagaatgtc	agaggggagc	cgccctcggg	28800
gcccagggcc	cctagtccag	aggacggagg	agcacctcag	ggtgcctccc	cgggtcccag	28860
gccagccgga	gggaccccg	cagcccggt	ggccccagag	gccaaagtcc	tcacccctct	28920
ccagggcttc	agagcccaga	acgtcccag	aagggaaccc	agcagccccc	tccccgccc	28980
cccggccaga	gactctccct	cgcggaacag	ggcctcccag	ggccctccag	tccagacca	29040
gagacgcccc	ggaggccctg	gtccccagca	gcctctcccc	tccctcctcc	cctcttcccc	29100
ctccaccccc	gtcccccccc	cccgttttcg	gcctctcggg	tccaccaggc	cggccggagg	29160
gaccccgga	gcccgggaga	gccgccttac	ctctccccc	gcctgtcctc	cccgcctccc	29220
tccccggccc	ccctcagctt	gtctccccac	cgggtccatc	aggccggccg	gagggacccc	29280
ggggggcccg	tgtgccagcg	tccccgcag	cgcgccagtc	tctgcctcca	ggcaagggcg	29340
cccgcctccc	cctcctctct	ccctccccga	ggccccggct	cctgagctca	ctgtcccaag	29400
tccagcccca	gaaccagcct	cccaggcccc	tccactcgcc	ccgagtccag	ccccgtccac	29460
cctgtcccc	gcaggccagg	ccctccgtcc	tccctggcca	ctccccaccc	ctccccggcc	29520
accccaggcc	cgtccagggg	ggacttttag	tgaccctcgg	gcctggctta	ccatagactc	29580
ccatgtaagc	ctgcctcgag	taggtgccct	ctgagcccc	tttgccccct	ggcaggccag	29640
cccgaccccc	agccgcccc	aaacctcgcc	cacacgtcca	ggggtcctcg	aggaagaggc	29700
ccagtccact	cagccccgtg	tccactgccc	agttcccccc	aggagccct	ggtatttcta	29760
aaactttctt	acctttctcc	ccttgctttg	ttatctaata	aacctgatcc	cccgtcaca	29820
cctccattca	caaccaagcc	acaagggcca	cttatccagc	caggagcaag	ggtaagtgtt	29880
tttccatttt	gtagccctag	ccccacctct	taagtgtctag	tcataacctc	aatcaccagc	29940
caccttccaa	tgtagtcttg	gagcgagtgg	ctggcacgct	ctaggcaaag	aacaaacca	30000
caacaagtaa	ccaccacctg	ccgtcgaagg	gtctacatag	aagaggagga	agagatctaa	30060
gtcacaggcc	cagcccaggt	gatttgtgac	ttccaattta	ttggcctcat	ttcagtacag	30120
ctttcccagt	cttagcatgt	cagattctgg	taatcagcct	tatgtgtacc	aaggggcaac	30180
ctagtagcca	ttctatcaaa	ttaacgagca	agggggctaa	aattaagcaa	ggacagccag	30240
agggccgctg	cgcccgccg	gctggccgga	taccccgga	attggccgca	aaaagggctg	30300
tagagggtca	cccttcccta	tctgcagccc	ttttctgcag	tttccccctc	cagggtatt	30360

cctagtgttg ccacgcggtg gcagcctatg acgaattggg gtgccgtccc tcccagggct 30420
 aggttttgctg tagggccgcc aggtggcgca aactgagatt aatgaccctg tattcctttc 30480
 cctccacccg cagtaactca gtgctggcgt gtgacatgct gtaaagtttt gcctgaacct 30540
 gtgttggggc aggtagatac caacagcctt ttaagcacc cgccttgctt tttgctcttt 30600
 ctgccgccac catgcctact tactacgttg cggttcaatc cggggggcag tatatcctac 30660
 atgttgccac tgatgaaaga gggcaaccgg tactttccct aacgtcaacg ctgtccacct 30720
 aggcctgtc cgatcgacct ttaattcaac tcaaaattat cgtgggtgac gaaaatgagg 30780
 gcccgcaaac tgtaccggg gcaccccg caccacctc gccacccct cttccaccac 30840
 ctccgccacc ccctcttcca cccctccac caccctgt tcaacctct ccaccagaac 30900
 gcagggacgt gggaacacaa gaacctgacc cccgcgatag gaaccactt ggtggcccag 30960
 gggggagcgc cgtttcgtgg gcggttcgca tgctctgtat gtccaatttg attgtacgcc 31020
 aagcacacgg tgtacgtggc cttctagcga ccctaggtcc acagagacgt aatcccacac 31080
 ctcccccat ggcgtcacc atcacgttgt caccaggttc tgagaacgtg tcaccactc 31140
 caccctatc aacaccacc agggccgctc cttcttacct acaactacc caggaacccc 31200
 agacacttaa tcctggtaac cacacagccc accctcagac accatggatg cctccccctt 31260
 ctcaccacac acagtctccg tgggctccat gcaggcctc tcctcctcaa cacatgcctc 31320
 ccccatcggc tccatggagg cttctctc ctcgcccc gcagcctcat tgggcttaca 31380
 ggctcatta tactcaacac acgcagcccc cttggcccc atacagacct cctcctacta 31440
 aacaccaggc acccccccgg gtgccgtgga gaccttctc agtgcaggca ccccccg 31500
 caccgtgggg gccttctcct actaaacagc aggcacctc cccggcgccg tgggggcctt 31560
 ctcctactaa acagcaggca cccccccgg cgccgccct aacatcacca gaacatccc 31620
 accctcctca atccacacca catccactc ctcctaaaca catacctgtg catccattga 31680
 ctcatgcacc tgagggttct cctctccaac aagccccaca gcagctcacc cctagaaacc 31740
 taccaccact cagttcacct cttaaagttc caactgtgca attgcctccc ctatgtacaa 31800
 cactgcccc acctgcgcca tcggagccag ctccgggaat agtccgact gagttacagc 31860
 ccccgcgcc accagggccc gtatggtggc cgccagttac ccgttccaag gcctctaaac 31920
 gccgaaaggg aaaaagccgg gctccctcta gagcgcaaaa gggcaagggc aaaggtaagg 31980
 gcaaggccaa agccagggcc aggttaggcc aagagtctac cccaccacag gcagggtccag 32040

tacogtcacc	tcagcctact	cccagtcgga	gtatgcctgc	actaagtcca	gcaattcccc	32100
tcgcctctaa	ccctgtccgg	gcgccaata	gtcaccaac	cccgggcca	tccgaagctc	32160
tcccagcacg	tagcaggtta	gccagggccg	tggcaggccg	ctcagctcag	ccacccgagt	32220
ccccagtaca	ggaaccgcag	ccctctgata	ctccaccaac	tcccatgctc	ttcccagaag	32280
actggtatcc	tcccaccata	gaacccccag	accttgaaga	cattgatgaa	aactgggatg	32340
acatttttaa	tgtatcagat	tctgagcatt	ctgatgaaa	ccaaaatgca	ggaggtccca	32400
gtaagagacc	tcgcccctcc	aaccagtaaa	agattcaatc	tgttcgggta	cccatgtatc	32460
caaaataaat	ttacctcctt	tctctgttaa	cagttaacct	gtctgtcatt	ctattagtta	32520
aacgggaaaa	gcaagaatta	gtcctcctc	cacatctcac	tgagagcccc	gccaaaattg	32580
gcaactactc	gcagcttgca	ggtgggctgc	atattcccgc	cagcttgca	ttcacgcgcc	32640
tctcaccac	aaaacatcat	ctcaccat	gcacgtgcag	ccacaaatgg	cactccgttt	32700
tcccacatt	cagcgggatg	cttatccccg	tcagcccagc	ctcactggtc	aattccccca	32760
tgcctcatg	tatggcattc	cttaaccag	tacccaaagc	ccacattgcc	cccatccagc	32820
cggctgccta	tccccgcagc	acctccttgg	ctgcttcctt	cccagtctgt	gtccaccagc	32880
accatcccaa	agttacacac	aacacacggg	actgttagtt	cagccagttt	attgctacac	32940
agtatggagg	gccttgacc	ccagcatttg	acgcgcctcg	tttccaaatc	ttgtcgccag	33000
ggtcagcacc	tgcaacaggg	aaacaaat	cagtgcgcgc	gctacccccg	ggggatgggt	33060
aaagcgggct	aggcgtaggg	agtgagggtc	atgtaggccg	ggcacagcag	tatcttggct	33120
cggccctgcg	gctctggggc	agccgggtgg	ccgcggcg	gttcgcgggg	ccgctgcccc	33180
gctccgggtg	gggggtggcc	cggctgggca	ccgcgcgcgc	gcccgtcggt	cctggggctc	33240
cgggtgctcc	tgggtgctccg	gggcagccgg	gtggccgcgc	gcgggtccgc	cgggcccgtg	33300
ccccgctccg	ggtggggggg	ggcccggctg	ggcacccgtg	cgcgcgcgt	cggctcctggg	33360
gctccggggg	ccgggtgctc	cggggcagcc	gggtggccgc	cgggtgggtcc	gccggggcgc	33420
tgccccgctc	cgggtggggg	gtggcccgc	tgggcaccgc	tgccgcgcgc	ctcgggtcctg	33480
gggctccggg	tgcacctgaa	aggcaatggg	ggtcgggaag	ggaggggcgt	ggtccccggg	33540
acccagcac	cctcccggcc	tccctcccta	ggttgtgccc	ggcttgccctg	gccctgggtgc	33600
tcctccgggg	gtcgcgcgt	tcgctgggtcc	ggtttgggtg	ggcgtgggtcc	gcgggttcgg	33660
tgcacctgga	aggcaacggg	ggtgggggag	ggaggggtgt	ggtccccggg	acccaggcc	33720
cccacccggc	ttcctccccg	gggtgtgccc	ggcctacccc	cgttctggag	ctcctccggt	33780

ccggtgggtg tgggtccgctg ggtccgctgg tccgggtggg cgtggtccga tgggtccgcg 33840
 ggtttgggtg acctggaagg caacgggggt gggggaggga ggggtgtggt ccccggaacc 33900
 ccaggcccc acccggcctc ctccccgggg tgtgcccggc ctacccccgt cctggagctc 33960
 ctccggtccg gtgggtgceg tccgctgggt ccgctgggtc ggggtggcggt ggtccgctgg 34020
 gtccgctggt ccggtgcacc tggaaggcag ggggggggtc ggggcaggcg ggcgtgggtc 34080
 cggggcctat gccggccggg ggtcccgtgg cacggggccg ggggtcccgg ggggcagccg 34140
 cgaccagcg cgccccgttc acgggggagg atcgcgcccg ggctcccgg agccccggcg 34200
 aggggtgggg gtgcgcccc agccggaccc tgggtgccagg cagggacctc gcgcccggcg 34260
 cttcatgggg ggggaggccg ccgcaaggac gccgggcccgt ctgggggttg tgcaccccc 34320
 gagcgtctgg acgacgtgg cgaccccggc cagcgcgctt tcttttattc actttttggg 34380
 ggcgctgtgc aataccttaa ggtttgctca ggagaggggg ctccctattg gttaattaag 34440
 gtgtgtcatt ttagcccggt gggttacctg cagggtgtgtc accagggtgg tggtagctgg 34500
 aggtcatgct attgggttaa cgtgagaggg aggagctaag gtccgcgaga tttgggtag 34560
 gcggagcttc aggagggtcc cctccatagg gttaaaccag gagggggagg ttctgcgccc 34620
 cgttatacct agtgggtgga gcctggagggt aggtatccat agggtttcat tatcctggag 34680
 gtatcctaag ctccgcccct atataccagg tgggtggagc taggtaggat tcagctagg 34740
 tcctactggg gtacccccct atcctacctc gaggtgcgcc acccttctc ccttcgttat 34800
 aatggtagca taacctatag gttattaacc tagtggagga atagggtact acagctgggt 34860
 atatacctat gggtatatac ctatagggtat atagaaacct agaggaaggg aacctatag 34920
 tgtaatccct ccccccccta cccccctcc cttacgggtg cctgagccca tccccaccc 34980
 cagcaccg cggtgacgtg gcaccctgc gtgcttttcg ggtgcatcac ctttgacat 35040
 ttggtcagct gaccgatgct cgccacgccc gggcatgac ctgtcactcg ccttgctccg 35100
 tggactctgt cccctgtta ggggtggctgc ctttggcatg aatcactttg agccactaag 35160
 cccccgttgc tcgccccgcc tgcctcaccg tggcacacta atccccgtct aatccatgtg 35220
 ccccgcttt aggaaacacc gcgtcccagg gagggagag ggctctggga gatatacctag 35280
 gtttggacgg aaatatgagt cagagcacgg ccggctcctt attaacctga tcagccccgg 35340
 ggttgccgtg cttagcacta actccgggcc tgaagagggt gacaagaagg gtcgaagtct 35400
 cgccggtgtg tttggagggc tgtttggtgc aactgaagct gctctcggtt ggtaaccgct 35460

tgacattaaa	ggggttgggga	ttaatttttag	ccccttaagc	tgctatctga	aaacgggggtg	35520
tgatacacc	agccaccagc	ctgggggttcg	gccgcgcgtg	ttagttgctt	gttgatgcct	35580
tttgccatct	tccccctcct	agaaattagg	cgcccgtgcc	tccccctaga	gccattcccc	35640
tgggtctgtg	ggcagctgcc	ttagcccccc	actccccaac	ctattgggggt	aggtaattct	35700
tgtgtggtga	ctttgggagc	gtgatgtaat	tgttcccacc	ctcaattttc	gctggccttc	35760
ttccctcggt	aatttgatag	catggctgtt	gggtcttact	gtgggtctgt	ttgtgcaggt	35820
ggcttcatgt	ggtgctaact	ttcatctttt	ggttttctag	ttctcgccta	attacacttg	35880
tgccagattt	tgtagataaa	gatggccttt	tcaacaagag	atttactgtt	agccctgtgt	35940
atgcgggaca	gtcacgttca	tggaaacgag	ggtctgcata	ctgtgttgga	gttagcatca	36000
agagaatcac	cctccagcct	ctctgcgggg	gacactctgg	ttctacgtgt	ccatgtactg	36060
cttgagcaaa	taattgaaca	aaatgcgggt	gccttttttag	aagccttgga	cagattttta	36120
tcaaacaccg	aagagtggga	tgtggatttt	accagagtgt	ttcaagaaat	cttccaccgt	36180
ggaaatccca	ctctgggacg	agcgttggcc	tggctggcct	ggtgcatgca	tgccctgcagg	36240
acgttgtgtt	gtaacaggaa	tactccctac	tatgttgtgg	acctgtcggt	tcgtgggatg	36300
ttagaagcca	gcgaaggcct	tgatgcttgg	attcaccagc	aaggcggctg	gccttcttta	36360
ctgaggggca	accgttcaaa	caccggaagc	cccatattga	ctgcattttt	agctggacta	36420
actttaactt	tcgtagttgt	gtgtagctat	ctctttatct	ctggaagaag	acgctgattt	36480
atatgcctgt	attcagcact	ttacataagc	ttgggtcatt	gggcctgttg	aaaagtaaac	36540
cggcaggata	gatgagtggg	tgaggggtgt	acagtgccca	caccttgtaa	ctgaacaata	36600
cagtgggttt	agtcttaaag	ccaaccacgg	gggcctgaag	ctttagaaac	caatgacccg	36660
ggccccact	tttaaattct	gccacagaag	atagctgata	ctcgatgtta	tcttttgcgg	36720
gggaatttcc	aagtgttggc	catacacacc	aggggcctat	tactgagaca	tgcccggtgt	36780
gttctgatgg	acagcgggga	agtgcacttg	tgcttatgta	atcggtgctt	cgccctctcc	36840
atcataataa	cacgaggatg	agaggctaag	gataactaag	gtgagtgtaa	gctgtgggtg	36900
ggaagacgtg	tatgtttttc	cagtgtgccca	ttaaggggtg	gggttgaggc	ctgccttggt	36960
taatgcatgg	tgttttacat	gcactctaag	gtgtgggggt	tagatgattg	ggggcggcgt	37020
atcttttgat	ttggtaaaaag	ttagcccctc	cccatcatct	tgacaccaca	tttacctatc	37080
atcttccagt	tatgcttgggt	gttactgttt	tgttcaataa	acacagattt	tataatacaa	37140
ttgttgtgtt	ttctgcatgg	ggatgggtggg	tagctgcctc	gagtgtgccg	tgccgggtcac	37200

tgctgcagtt atgagtcctt gctttgaatg tggcccgggt gggcaatggc tggcccacgt 37260
 gaatgctctt tctcatatcc caaaaagctc cccggccatg caccacatca aagcccagcc 37320
 aagtcccat ttatgactta gcaagtgggg ctttgcagga cccaaatttt gcaagctcac 37380
 ccctccagtc cactgataat ctacactgg tatgacttag ccagtgggtc ttagcaggcc 37440
 ccaagccccg cgaaccctcc ctgtttcacc cgtttattcc aatagaatga cagattggct 37500
 ttcacaacca gtcaatccac ccctggctac ccaacaaaca caggacaggt gttaagggtc 37560
 cgagattact gtttattttc taaaattagc tgtgtgtagt tgatgatctg cagtcttagt 37620
 tcgtccccgc actctagatc cttaatggcc tcgaagatgg cgtcctcatc gacgttaact 37680
 gccttctcgt ggacagcgtc cctggggctg acttttacac agaaggagtc ccctatcaga 37740
 tccacggcca gttcgtatgc ggggccaatg ttttcacaga ggagtttcag gcaggtctcc 37800
 gggatgtgta gggaggtgcc ttggagcaga agatgcatgt tcaggcgtcc tctcccgtg 37860
 gtgctgaata tggggcacac agtgccacag aagtggccgg cgaccagata ggcatagagc 37920
 aggccgggct gggagagtcc tgccttcacg gcgctggggg agctgctaag cagggacaca 37980
 tagaaggtct tattggggat gatcttgtgg acgttattga agaaggagag ctgggtggag 38040
 ctgaactcct gaggcacgtg aacctgggat ttgttgatgc agacctcaca gtgggagccc 38100
 agagtcaggc tgtggccaaa gggggagagt cgaaggcagc ggcccggaga cagtgtacag 38160
 agagacagcg gtaggaacac ggcctctgac acgtggatgg ggggtgttcat ctacgcaga 38220
 aaatctttgc ccaactcaaa gttggcagag atccccctga agaattcacg cagcgtaaaa 38280
 ctggaccctg ctccggcgccg tgtgtgcctg gaacatctgg agcgggccac actgccggcc 38340
 ctttccatct tcccagccc cagatacgtt ttgccgtcc gtgccaccga tctcacgtc 38400
 cgacccgagg ccttcgaggc cacgtagtct ctgtggtgcg gatgcatggg gtggtggcat 38460
 ctgggattag cgggcctctg ctggcacaca tcccctgcct cgggggtgac ggggtgccatc 38520
 cgggctactt ttcacacgta tacctgggat gtctgataag actggaccag gtttaggccg 38580
 tggagacgca ggaccccgtc cagttcctta gtgacatcca cgagtattgt tttgccact 38640
 ctggccactt gtgtggattt aaatatgtac acaagcgtaa ttaacgcgtc gcatacccc 38700
 tgttctaggt tctgcccgcc cgcgagagct gccttaaagg cctggaagct ggggtgggtaa 38760
 atctgaccaa agagcacgct cggatcggtg atggcggtgt tgatggcaca tagggggctc 38820
 cagaacaagt gcttgtggaa gtctgcggg gtgcacatct gcagccaggc cctgagcctg 38880

gggcagctca cgtccagcag cgcgttctgg gttttgatga ggaacacaat cctgtccagg 38940
 attttgatgt tgtttccaaa ggagaccagg ataaggctct tgaagcggtc gaggggtggcc 39000
 ttggcatccg ggtgggcccc cagactctcg cagagggggc agatgggccg tgagccgttc 39060
 ttgtgtcgca acccaaacat gggggccagc aggcaggggc cctgtgaatg gtcgccggcc 39120
 tccggtctgg ggaaggccag ggccatttcc gcgagcgcat ccccgctgta ttccgcgttt 39180
 aaaacgatag catggtggcc gggtcctccc agcagggtccg tgtctctcca ggtgcccac 39240
 agcaggccgc agtagtcggc cttggacgag acaccctggg aatttcctcc cttctcggcc 39300
 ctgaggaacg ggtgtggggc ccggactcga gacggcaggt ggcagcagag gcctgtgtac 39360
 tgggctcggc tggcctcccc gggaatctcc tgcgattctt tggatgttct gggtcccggg 39420
 aggggtagaa agggggtggt tctggggcac atggacttga agcagaagtt ggccggggcc 39480
 tggcccgtga ggatggattt aaggaactcg agttttagt agcccagggt ggcgttgca 39540
 atcatgtctg aggaggacac ggggagaaag caccgggaga tgtaaaagtg gagctggatg 39600
 tcaatggcca ggatcctgga gggcatgaag agggactcca gccccccgc catggggaag 39660
 tatttcatca ggatgtgtaa aaagtccacg cccgtgatga ggctggagat ccaggctctg 39720
 ggggcgttga gacagtagta gcataacagg gcatagtcct cgaagaaggc aacggggggc 39780
 tcggagtgat tgaccagggt gtccagcaga tcgcagacgc ggcagggtgt ggctggagat 39840
 agggactcgt aggtgtggac tagcgggggg taggctaccc cttcctccgc gttggcgggg 39900
 aggtaggagt gggctctgag catccttgcc gcctccggct ggcttttgag attgtccacg 39960
 gtccagggga caaactctc catctctgga gttccgccag cccccgggt ccctgctatt 40020
 aagtcactcc tagtgagtgg gtggcccggc agcctttgac cggtcagacg gggcaactcg 40080
 ctgcgccttg tgacgtgtg agccatggca catgtgggag gcgggggtgg gtctcgtggg 40140
 tttttaatac cggagccggc gcctgtttct gggacaccgt ctggaggggg gctggccata 40200
 cctggagtgt acggcgaccc ggggtggcagt cttttgagtt tctcgctat gatccgcca 40260
 gatctcgcgc ccctgattgc accgtccgc tacgcgaggc tgaacctcct gaatcactgc 40320
 ctctttctgg aggcgtttta ggaagagaat agcggtcggg gcctcgggtg ggttcaacga 40380
 gaggtcttat ttttgaaagg gacactataa aacagggtcat tgcccggatt gtggctgctg 40440
 acagcacct agacctagtt aatcatgggt agcccgaag agaggctcct agacgagctc 40500
 aataacgtga ttgtgtcctt tctgtgtgac tcgggggtctc tggaggtgga gagatgctcg 40560
 gggggccacg tgttttcccg ggggagctct cagcccctct gcacagtga gctgcgccac 40620

ggacagatct accacctgga gtttgtctac aagttcctgg ctttcaagct gaaaaactgc 40680
 aactaccctt cctctccggt gtttgtgac tccaacaacg gcctggccac caccctgagg 40740
 tgctttctac acgagccctc ggggtctcagg tccgggcagg cgggcccgtg cttggggctg 40800
 gccacggacg tggacctgcc caagaactcc atcatcctgc tgggacagga cgacttcatt 40860
 aagtttaaga gtcccttggg gttcccgcc gagcttgacc ttttgaagtc catggtggtc 40920
 tgtagggcct acatcacgga gcaccggacg acgatgcagt ttttgggtgt tcaggccgcc 40980
 aacgcccaga aggcgtcgcg tgtcatggac atgattagt atagtctca gcagctggcc 41040
 ctgtctggtc agggcgaaga gccgggcgtc agagccgtgg gaggagggcc taggacagct 41100
 tccgagggct cgctcggacg ggggcgtggc ggggtggccg cgggcgattt ttcagacgcc 41160
 gagactgacg acgataggag tcgcgtccc tggagggacg aggactggtc ggggtcggag 41220
 gcggcctcgt ggaagaagga actcgtgagg cgcgccatcc gcgggcactg ggcgcgcgtg 41280
 gccaggcgaa agcgtctctg ccattcccgg gcggagcacg cgcgcgga ggaccggcg 41340
 acggagacgg cggaggcatg gcgtccctcc ctgtttcgcg cccaaccta tctggcccag 41400
 ggcttggcgg tgggtggcgt ggctctgtct ctgctgtttc tgaggtgggc ctgatgtccg 41460
 cctggggggc acccgagttt tctaggctcc tagatctggg gctggcctgt ctggacgtga 41520
 gcttcgtgca gatgcgggag tttgtggtct ggggcaggct tccggccca gaggaggccg 41580
 ccgcttccct ctccggctct ctctttagaa gccactcggc cgcctactgg ctggccgagg 41640
 cggagaggcc cggggggcgt gtccgctggg cccgggcgca gaccagccc acatccctga 41700
 ccctcgcgcc tcacctgggc ccgtccctgc tggctctttc agcgtcacc ggcggggggg 41760
 gcggcgtgt ggccttttgc aacgccttct tcctcaccta ctttttctg gtgcgtctg 41820
 ttttccctgc gttttctgag agaatagccg cctggatttg caccggctcc cttttctgtg 41880
 aaaacacccg ggccgtggcc aggggctacc ggggcctcgt gaagaggttt ctggcgttcg 41940
 tgtttcagcg cagtagctgc gacccccct tgctgaggca gaaccgagg cccgtggagc 42000
 gctactttgc catcaagaat tatgttcccg gcctcgacc gcacagctgc gtgacgttgc 42060
 cgagctactc cctctgggcc cgggctcacg ccggtgagct cgaccctagg gagattcgcg 42120
 acagggtgac cccctctgcc gccgccctc cctgtgtggc cgatcacgct tcggccctgc 42180
 tggccacact ccagaagaag gcctcggaca cccctgcgg gaatccaatc cagtggatgt 42240
 ggtaccgcct gttgggtgaac tcgtgtctgc gagggcggcg ttgtctcctg cccgtccccg 42300

ccgtccccga atgcgggagg aggatgggtg gtggcgggga ggaggagcgg gagccggagt 42360
gccctgcgag gttgctgact ggcccgggag gtcagtgtct gagccgggac gtcttcgtgg 42420
cggtcgtgag ccgcaacgtc ctatcgtgtc tgctgaacgt gcccgccgtg ggccccctgg 42480
cctacaagtg ttttaggtcc cgctccccct cccgcccggg ctgcgggccg gatcacctc 42540
ccctggccgt gttctgcctg gactgcggct actgcctgaa ctttggaag cagacggggg 42600
gtgggggggc gctgaattct ttcaagccca ctctccagtt ttatccccgc gaccagaagg 42660
agaagcacgt gctgacgtgc cagccagcg gccgctgta ctgctccaac tgcggctcgc 42720
ccgcggtggg ctgcctgagg ctggcagagc cccccagcgc ccgctcgggc tggcagccgc 42780
ggatccgggc ggtgctgccg cacaacgcgg cctacgagtt ggatcgtggc tcgcgctcc 42840
tggacgcat tgtcccctgc ctggccccct cccgcacctg catgaggccg gtggtcttgc 42900
ggggggtgac ggtcaggcag ctctgtatt taactttgcg ggccgacgt agggccgtct 42960
gtcccggctg tcagcagcgg cgccaagctc cggaggactc ccgcgacgag gccatcctc 43020
tctcctctg tttagaggta gaattgccgc cgggtgagag gtgcgagggc tgccgtctct 43080
atcacgcgcg gtatggcacg ccggctgccc aagcccaccc tccaggggag gctggaggcg 43140
gattttcagg acagccccct gcttcctaaa tttcaagagc tgcagcaggg caatctcccc 43200
aacgacgttt tccgggaggc tcagaggagc tacctggcct ttctgacggc ccagtctctg 43260
tacgaggagt acgtgcagcg gacctttggg gtgcctcggc gccagcgcgg cctggacaag 43320
aggcagcggg ccggcggtgc cgcccagggt agtcactctc acccggccgg cgcgccctcg 43380
gccgcccagg gccagcaggc gcagcccgtg gcagggggtg gcttagcggg ggcagcagcg 43440
gctgcctctg ccccggtgc gacccccgcc gtctcctcgt ccatcagtag cctgcgggcc 43500
gccacatctg gagcggcagc ctctcggcg gccgttgaca ccggctccgg cggcggggcc 43560
cagccccaag acacctccac gaggggcgcg cgcaagaagc agtaggagac gcggcacgcg 43620
gtgtatgcac tttattaata aacaattaca gatacaaaaa cttgagtctc tccaggtctg 43680
tgatgagccg gtgggtggaa cgctccagtt tgtggcgaag ctgggtcacg aagcgagtca 43740
ggacgcggcg agcctgggcg agcgtgaggc tataacgcat gtctggtcg ggggttgcg 43800
cggacagaga ggagtgggcc gcagagggga ccaccaggtc tccgggcgtc gacccccctg 43860
acaccacctc cctaataatg tcttcaatag acaggaactg ggtgacaact gagggagtat 43920
tccacaataa ttctggttg tcgctagatg gcgtgggaga ggctttatca cgcgaaaacg 43980
aaagtgtttg aaaaggcgcg ggatagtgtg tgctacctga tggcgggtaa tatatgctat 44040

cctcatat	ttgggatt	cgcgccggg	agggggcg	cgagggccc	gcttttttag	44100
cgatgtat	tggggcgcc	gcatgccgg	actgggggt	ttccacct	ggccgcgc	44160
tcggcgcc	acccggat	attggagt	atgggaat	aggagttt	tgctgttt	44220
ttttgac	gagaggc	cgcggtg	ctgcagcc	gggcggtg	ttggtgac	44280
tctcctct	cggggcg	gtgtccat	cccctgc	ccccgggt	tgcccacc	44340
ccaccgca	accggtag	ggggctgg	ccgtggc	cgggggct	tgcacagg	44400
gctgatgg	acgaggt	agaccccc	cggggggg	tgtggggc	ggcacggc	44460
cttctctg	gggctccc	ggtctggc	ccgtgcc	gcctccc	gaatccc	44520
caggaagc	ggcctgt	gtgctcg	ccccggg	cgggggtt	aggctgac	44580
gcggagg	gtggggg	gcggtgg	gaaccttt	gtgttctc	tggccccg	44640
gccgtgc	ttcccgt	atgataga	ggccatgg	tggagctg	gaggcgtc	44700
ccaagccc	gcgcctg	ccaaaac	acgatgat	cgggtgtg	gcggtggc	44760
tggccccg	tggccggc	gatgcgg	ccgcggcg	ctgtggtt	cggggccc	44820
cgggcggg	acccaggc	gggatctg	tgggtgtt	ctgaggcc	gctgcggc	44880
gtgacgg	tgggtgt	ttatagat	cgggtccc	ctgagaag	cctgggct	44940
cgatggt	ttgagcg	ggcgctg	caatctct	aacctctc	ggccaggg	45000
gcggggag	cccgggg	tcgaccg	tggccgga	cttctctc	gctcggtg	45060
gccccacc	ccctcgag	tgagggag	aggccggg	cggctcc	ggggcggt	45120
aggtgcct	tggggag	gaggggt	gccattct	ggctcggc	gtgaccgc	45180
ggagcctt	gctttgc	ctgggtg	cggaggcc	ggaatcgg	gcggcgct	45240
cctcctca	ttcctcgc	tcccctcc	gactctgg	ccggacgg	gctggggt	45300
tgtcggcc	ttggaacc	tcccgc	ccagccat	ccccacc	ggtggaa	45360
cggagaac	ctcctgg	ttgcggg	tcggggg	ccggtacc	acgggagg	45420
ggtcttc	ttcgtag	gaggggt	gcacgtcg	gggccagc	gaggcccc	45480
ccgggttg	gtggaact	aggtcagg	gattgtgc	gtatgtga	cacttcca	45540
cgatgttt	tctgttg	aagacgg	cgggtggg	ctgggcct	ttgggctt	45600
ccgcctgg	ctccgcg	agctcgc	gccaggcg	ctgcctcg	aagacgga	45660
tctcgggc	aaaggact	gagtagc	ccaggtc	cataaaat	agggagac	45720

tctccgccag	ggagcggaag	ggctctgagc	gcccgtcgca	gtagagcagc	ggggccacga	45780
ccctgacctg	gcccagagtc	ttcacgttaa	acagatactg	ggaggagacg	aagagagtca	45840
ggggacggcc	gaggaaggcc	gccgccacgg	ccgcctcgaa	gacggagacg	gggatggcgt	45900
cccccgagcc	ccttttggga	ccggtgatgg	gggttccgta	gggcatgaga	tttctcagcg	45960
cccgcccggt	gaccgtgccg	taggtggacg	gggtctctct	ggggacctcg	acgctctctg	46020
cccggggcag	ctcctcgccc	cgcgtgtagg	cccgcctgac	aaagtcgcgc	acgtagtctt	46080
ggaaggcgac	ggggccctcc	aggggacgca	gcgagtgcc	tagctgctgc	agggcctcgg	46140
gggcgaagca	ccgtcgcgcg	agcagcagca	ggcatgccc	ggccctggcc	gtgctctgat	46200
tgtggaccag	ccccaggaac	tccgggtggg	gccagagagc	ggcccagatc	tctatctcct	46260
cccaggcttc	ctggaggaaa	atgaagccgg	agggagggcc	ggtgaagcgg	cgggtgcgct	46320
ccccgacgtt	ttgagcccc	gtggcgcgcg	tcgagctcga	gcccctcttc	ctctcggccg	46380
ggcttctgac	cagccggtag	gtgaggaccg	cgtccgacag	cagctcccc	aggcccccg	46440
ccctcgccag	ggccgagacc	aggccgagtc	ccgcgtagaa	cgagggggcc	cccaggaagg	46500
ggcgggcgta	ggccggatgc	gtgccgacca	gcagcgcat	tatctcccgt	tgttccaaga	46560
gaatgacttc	ccggtctgtg	gccggtgtag	ggaagggggg	gtgattcctg	gaggcgatca	46620
gggtggcggt	cgccagcagc	gtcatggcca	cgatgggggt	gtcggccagg	tcttccatca	46680
gggccttggg	ggccgagacg	tactccctga	gcagttcccc	ggcgttggcc	tccacgtcgg	46740
accaggagtc	ccagtaagag	tcggcccgcg	cggctccgag	gcgggcgag	gccacgctgg	46800
ccagggctct	cgcctcccga	ccccggcgcg	atggctggcc	ggccggcgcg	agggcaaagg	46860
cctctgggtt	ctccagcacg	gtgggcatga	cgtactccag	aaagttgtgg	tagacgggga	46920
tgtagttgag	gggctcctgg	gtgtccgacg	agacgtaggc	cggttgagg	gggtcgcacg	46980
gggactcggt	ctccagccac	aggggtcccc	cgtatttcgc	cgccccggcc	gccgccagga	47040
attgcgcccc	tcggaccggc	agcggccccg	tcggactcgc	gggcgccttg	ggtgcgagaa	47100
ggggccggtc	gccggtgtcg	gtgagggggc	gcctgacgaa	gacggtgggc	tgcgccgtct	47160
cgtagaaggc	caggaagctc	tgcttggccg	aggcgtagcg	cacgagcctg	tccctgagga	47220
gggcatactg	gggagagccc	gccgccgccc	cgagcgccag	gcccctggcc	gcctccgcca	47280
cgatcttgag	ctggcgcggg	tcgacgtggc	ccctggcccc	ggtgacgagg	tcctgcagaa	47340
cgctctgcag	ccgggactcc	tcccgggcct	cctggatgat	ggcctccagc	cgggccaggc	47400
gccgtttcca	gtctgcgacg	gtctccttgc	caccgcgac	ccgcctgggg	tcgaccgtgg	47460

ccagggccag cctcagctcc tccatgccgt ccatggagtt ctgggccatg ctctcgagct 47520
ccaggagcct cttcagctcg ccgatctggt cttcggccgc cgcgccaggt tccagccagg 47580
ttgcggggcc cccggccagc gccagagctc cctcggcgag acccctgacg gccccgcaga 47640
cgtcccggat ccactcggcg gccgccaggg atcgccgata gggccacgag ccgtctctgg 47700
ccgcgggccc gcccagcgcg gcggccaggg tctcgtggat ggaggacttg ggcgtggaag 47760
aggtggggag cagcgccccg agctcgtcgt cgggggcctc ctcgcgcgcc ctggcgagta 47820
cggcctccag ggccgtctga aagccccgtc tagcgccac cgccgtctca tgggctcggg 47880
ctgccagagc gcggctctcg aggacctct cctccagcgc ccggacctgg gccgcctcgg 47940
cctcggtcag cagctccgag aagaagtccc ccgtggcctg gaggagatcg tcccgtccc 48000
tcttggtcag gagctgcgat ttctttggcc agagcgtggg gtcagagggtg gctggtggcg 48060
ggaggcttgg cgggggaggg acggcgggccc ggctcgggtc gtccagcgcc ccgggcagcg 48120
tgcggtccac gtactcgctc acggcggccg acagcgcgcc ctcggccgcc cgtctcttct 48180
cttgaggttc ggccagcccc cgctcgtacc cctcgtaggg ggccctccaga tccgtgttga 48240
ccgtcgccga cttggcatcc ggggactgga gggcctggcg cgcctgggtg agcgcccgcc 48300
ggagggcccc cgccgcctc ctggcgcgaa agagggcccc ggcctcctcc gccctcgc 48360
ctccaccgtc ggaggtgctg gcggtggtgg gccaggcgct cagtctggcc agcgggccgg 48420
cctcgagttc cggaaccac ccgggctccg cggcctccat tctctcgacc ccgccgccgt 48480
ccccagcaa cgctcgcagt ctctcccttt tcaccgcgt tatttccgat agcatggcgg 48540
ccaggatccg cgtgagggtc tccagcact ccgcgttcct ggccgccgca tccgccttcg 48600
ccgttgccgc ctcgacctg gaatcatccg gggcctcggg ggtcaggag gccagaagg 48660
tgttccagtc gtcgggtgcc gtggggggcg gctccggggc ggtgcccagc gccttctgaa 48720
tcctggccca tgcttcgcg gcctccctcg ccgcgcgtc cgtccgctct ctggcctccc 48780
gctcgcgag cagctccttc tccttgccgc cggcctccag cagccgccgc agcttcttct 48840
cgtactgccg cttcagctct ttgttggggg cgggtgtccag aaaggccttc agctgctcct 48900
cggaggcggg cggaagccg tcggcctcca ggcgccaggg ctgcgcctct ttctgtctca 48960
gctgatcgtt gttgtcattc ttcaattttt gcaggtaact cagaaagcgt ttcttgagct 49020
tccccgggat gagcgtctgg gagagctgat tctgcagacc ggctaggagc cgcagggcgt 49080
tctccggggc gcggccccgag accgtcgcgt cgtagacagc caggagacct gggagcagat 49140

tcaccgcagc	ggccgtctcc	ctcaaggtgc	tgtgagtagc	gaaattctgc	aaagccacca	49200
ggcgacaggg	ttccagggtc	agcctgtttc	cgtctctgaa	ggtgtgcagg	gcctcggaga	49260
ccatggggtc	caggatacgg	tcgatgccct	cctgcacctc	cgggtccagg	gccggtagcc	49320
ccctgtagag	gtgggtctatg	ctctcctcga	aggaggagat	gtagttgtcg	acgggtgtaga	49380
aggtgatgga	tttttaggatg	ttcatcaggt	acttctttgga	gcgcacgata	tgctggatgg	49440
tgtcgcgcag	gcggatgtag	gtgggggttct	tggcgccccc	cacgatggac	ccggcggttg	49500
cgatgtactt	ctccatgacc	gggatgggtga	gggcccgggt	gtcggccagg	ggcgcggttg	49560
catctggata	ggcggtgat	ccgggggctc	ctctgggggc	ggaggccacg	ccggccaggc	49620
ccagcatggc	ctcgatgtcc	tccaggatga	cgcggaggcg	cttctcgttc	tctttggttg	49680
cctcgagctc	tttctgcttt	tcggcgaccg	tctcgaactc	gggcaggggg	gctatggcgg	49740
cgtcgtcctc	ctccaccctc	tccaggggccc	acggaatgcc	ggtcatgtcg	cctagggcgg	49800
tgcccaggta	gagcagctcg	cggtagtccc	gctcgatgct	cgcgtgccgg	atgttgaggt	49860
ccgacagggg	ggcaatgata	tggcacgtgt	gccgcaggcg	ggtcaggagg	tcgtcaaagt	49920
ccatcacctg	cgggaggctg	gggtcctcca	ggtaggagag	gtagtcggag	gccgccagg	49980
ccactcggtc	ccggacgtcc	gccgtgtact	tgccgcagtg	caaggcccgc	ggttttggac	50040
cggccgccac	attgtgcacg	aaggggggca	ccaccgaagc	agaagggggc	ccgtactcta	50100
tcgccgttag	cagggccagg	aagcggacgt	cctcttcgtc	cacggcggcc	ccgcttgtcc	50160
ggccacgcgg	accggcgacc	tccgccaggg	acatgaggcg	ccgccagcgc	tcgtcgtcca	50220
ggaccagggg	ggcgtttgca	cttgccggcg	gctcgggtag	ggccgggggg	tgagtgggtca	50280
accccttcc	cttccatccg	ttcttccctg	acggactctc	gtccttcgtc	ggggccaagg	50340
ggcgaggag	atctgtcagg	cgcgcgggg	ccttgtccag	gtcaaacttg	ccatccgcgg	50400
cctcggccag	cctggggata	ttggccagca	gtcccgcgc	cgcattccag	cggctcgcgt	50460
cctcggccgc	cagggacggc	aggcaggccg	caagcttcgc	ggccagatgc	atgtggaatt	50520
cgtcgtctct	tcccttgttt	tctgatagca	tggcgccgag	gttttggacg	ttgagctcag	50580
aggtcaggag	ccgctccagg	tcccgggtgg	gcacctgcag	gtttccagac	cagtccttta	50640
ggaactccag	cagattcagg	gcggctgagc	gtgaccggct	cctgatgaga	ccctgctcca	50700
agaccaccgt	caccagcaga	tggtctatcg	tgctcagggc	gtccctccgg	cacttccctg	50760
ttagaggccg	ggtcatagac	gagggcccg	tcggggtagc	tgtgtccggc	aatcttttga	50820
atgttgcgct	cgagcgggct	aaagtccatc	tcgggcgtgg	ccatgtcaaa	ggtgggttga	50880

tagtagcggc	tcctggcggg	gtccaggctg	gtgggggatg	agaggcggtg	gccattgtcc	50940
tcctccgtga	gggccgaatc	cggccggttg	agaacacatc	atcctcctcc	tcctcgctgg	51000
tggggatatc	ggaggcaaag	tccatgtctt	cttcagattc	tgacatggat	aggaaaggct	51060
cctctacgtc	agacaggtag	cgtacgaggc	cggatcccac	ggaggcatct	tctcccgatg	51120
actgccgctg	gacagaaggc	agtgggggatg	ttgaggaagg	aatttgttct	ggctcggagg	51180
tctccactgg	tggaggctga	ggagtcgctg	tagctgtcgg	agtgggctgt	ggagccgggg	51240
aggctgctcg	aggaagctgt	ggagcatggg	aggttgcttg	ggggggctga	ggagttggag	51300
tagccgcttg	agggggctga	ggagttggag	tagccgcttg	agggggctga	ggagttggag	51360
tagccgcttg	agggggctga	ggagttggag	tagccgcttg	agggggctga	ggagttggag	51420
tagccgcttg	agggggctga	ggagttggag	tagccgcttg	agggggctga	ggagttggag	51480
tgcgcgggac	tagaggtgtg	gagatgggcg	ggactagagg	tgtggagatg	ggcgggggct	51540
gcggcgctcg	gagttgggaa	gttgtggggg	ctggcggggg	tttgggagtt	gggctgtgag	51600
ggatggggat	tactggagat	gggtggggag	gcggcgcggc	cgaagggggg	actgaggccg	51660
gttgcgctcg	gacagccggc	tgaggttgag	ggacggtgac	taccggagca	gggaggcgag	51720
taagaactga	aggggggcca	cggggcgggg	gctgatcgtc	ctccgtgtcg	gtggtggagg	51780
acatggggag	gcggcgcccc	gaggtgggct	tcttgtgctg	gctgtcctta	ccaggcccct	51840
ttttcctttt	aggggtctga	ggcgccaagc	caccggttcc	ccggggcggc	gtggaggggg	51900
gctcggggcc	tggcccagac	ccgggggatg	ggatgaagag	gggagggctg	gaggctgcgt	51960
cggcgggggc	ctccgaggca	ccgacgggcg	gccccgggtg	ggtctgcgcg	ccaactggcg	52020
ccgacgggga	ggtctccggc	atgcggggcg	ggcgcggttc	ggacgagaga	gagcgagagg	52080
gcagcggcct	gaggttatac	ggtattatct	gccgttgaaa	cggtagcatg	acgggagggc	52140
tgcggtcggg	ggccggcgag	gccatctgtt	ccccgtcgct	ggacaccagc	tcgggccccca	52200
ccaggtcgaa	gccgctgccg	ttggcctcgt	aaaagtcgta	cacgccgtag	tgctccagca	52260
taaagacccg	agggtcctcc	atctcgaagg	cctcgggcag	aaagtagagg	tggacgcacg	52320
tgtactgggc	cccgggcgcc	cccacgtact	ggaggatgtc	atgcgcgtag	gtgctgacct	52380
tgacgtgggc	cggggtgccc	ggggcggcgt	ccttttggca	gtgggggtcg	aagaggtaga	52440
aggagccgtc	cgtctcgatg	atgatggccc	ccgcgtagat	gtcgcatatg	tagaggatga	52500
actggggcac	cccgttgtag	ccgccgtgca	ggacctcggc	caggggactgg	acgacggccg	52560

agttggagat	ctgggcgggg	aagaggacga	ggccgaagat	ctccgcccag	cggtagatgt	52620
tcacgcgccc	gccggccctc	agcgtcaccg	agctgggcac	gtccgtcagc	tgggccatct	52680
cgtgccccct	gaggatgccg	ctctggcgca	tgagggcgtc	cagcctcgcc	ccctcgacca	52740
ggacatcgtc	cagctccggg	cgggaggtca	gggggcccgc	ggccagaaag	ctcttgacca	52800
ggtacaggac	gcagttgctg	acgcactgga	tgccggcgaa	gcggccgaac	ttgcagtggg	52860
actggttgca	cgaggccgtg	cccaggatgc	ggagggccga	gccgccgccc	cccccgcccg	52920
ggggctccag	gtccgtggtc	ctcgcgcgcc	ccgagccccg	catggtctgc	gtggcccccc	52980
gggggcgctg	gcctcgcccg	ccgcctatcc	cgttacggtt	catggccctc	cgcggggccc	53040
ggcgggcgtc	tcgaggcccc	tcttctggcc	ctgggcctca	cgcggtggc	cgcgggcgcc	53100
gccgagaggt	aaggggggcg	ggtggggaac	accgccaccg	cctcctcctc	ccctccgtct	53160
agtccggagg	cgccccggcc	cgggggagcg	cgacggttgc	ctcctctgtg	gcggcgactg	53220
cggcggtggc	cggaaggctc	ggcctcggcc	ccggccttgg	ggggcggcgt	gccaaactcc	53280
gcgggccttc	cctctctttc	tccctcctcc	tcgtcttcc	ccttcacgtc	ccagagctcg	53340
tcgtcttccc	acctctcctc	ctctccctgg	ccggagtccg	agcccagga	ggcccggcgg	53400
ccgcggggcg	gcgtgaggtc	ttggctggcc	cggcgcttgc	tcgcgttcc	gccgttagcc	53460
aggagaatga	ccgcgagtct	ctcggcccag	aggatccgaa	agggcggtgg	tgtctgcccg	53520
ggaggcgcg	gtgcctcgtc	ggtcagggcc	gggggtgccc	tctggctctg	gctgcgggccc	53580
gcgcgtgtga	aggccgcgag	gaccgagggg	cttctggggg	tgacggtgat	ctgttcagga	53640
ttcagggtcca	cggcgggcgt	atatgtttta	ataggggtgg	tctccgggtc	ggcaggatcg	53700
cggggctcag	tcagcgcccc	acagacgctc	ttgccaggt	agaggatgtc	gtccgcgcct	53760
agcgggggca	cgttccccgt	cctctccggg	agccgcggct	gcgccggggc	gaagacgggc	53820
ggcgggcgga	ggtctcgccc	gacgagggcc	tcggccccgc	cggcgcccat	agcggggggc	53880
tggaagagtc	gggcgaaggt	gtgggtcccg	aggcggtagg	cgacgctggc	cctcagcgcc	53940
cccgttaggg	cgtagcccag	gtccagggcc	cgctccacgc	gctcgttgag	ctcctcgagg	54000
tccggacgca	ggggctcacg	ggcgttttcc	cacagggggg	ggtctgcgat	cccccggtt	54060
tccctcaggg	ccggcaccag	gtggcgccct	cggagggcgg	ccatgtcggc	ggtggtcagg	54120
gcccacctgg	ccgccgcgtc	ccggcacacg	tcctggacgc	cctccaccac	gcccttgagc	54180
gtctgcaggt	ccgtggagta	gtagcgggcc	cccgtgcctt	cctcctcgtc	ctcctctttc	54240
gccaggggga	tctgcacctg	cccggctctc	gcacgtaca	ggatggggcg	ggagcagagc	54300

ctctgggagg ccccggtcag gcgggaaacg tcctccgaga gggctctcgc tgagaccagg 54360
 aagcgacgtg tggccaggct caggccttcc gccgtcgtgc tgtatctcag ggtgaagagc 54420
 agggaaaaga gtgaggtggg ccagacgatg ggtgggtgcc cctcctcgcg ccgctcctcc 54480
 gcgggtggaga gggctctcga gattacgccc gagacctcgc gaaccgcgtc catgacctc 54540
 aggatggcgt cgtgggagga gactccccag ggccccgcgc cctcctcctc ttcttcttcg 54600
 ttgccccctc cgctccttc cgtcccttcg ccgccttccc cctcctcctc ttggggagag 54660
 gaccgcgggg gcgcatccg gccgcctctc tgggtccggtg gctccccggg cattggaggg 54720
 gccccgtcgt agacctccca gacggtggcg taaatgagct cgaggggacg gcgggccccg 54780
 gtcagggcgg ccgaggggag actcaggtcg ctgccgaagg agaccagcca gcgcagggcc 54840
 gccagggagc gcgccttggg cagctcgttg gagaggacc gccggagggc gggccaaatc 54900
 tggaactcga tgaaggcggc cgggaaaaat gggctgcggg cgtaagcggg gtccgctcgc 54960
 gccgtctggc cggccttcag ggaccggcag taggcctcga cgtctgcccg cggggcgacc 55020
 gccgccggcg ctaccgctgc ccccgtagcc ggggtggccg gaagcccccc gggcgggatg 55080
 ggggcggggc ggatgggggt cggggccggg gcctgccaca ggcggccgta tcggaccac 55140
 agcagggacc tgaggagttc agaggacaga accctggcca cctgctcgta ctcggcctcc 55200
 ggtgggggca cgataaagat gcgcaggggg gtgaccgctg cccaggctgc ggccgcggcg 55260
 ggcgagcgtc tcctgtcggc cgctctgcgc tccgccctca ggtacgtcgc ccgggcggcc 55320
 cgggcgaagc ggctcgtggg gctcgcggtg ggcagcagcc ggaaaaagtg cagggcgaag 55380
 cctgacaggc tctcgagtag ggccgcggtc gcctccagcc cccgccaccg cgcgcgggac 55440
 gccgggggca ccgaggccag catcacggcg tagtcgcccg ccgcggcctc gttgagacc 55500
 gccgacagca gtaccgtggc caccgctcg atggccgcgg gcgagaacga ggcccgccg 55560
 ccagctgcct cctgcacgcg agcgggccagg gcctccagct ccgcccacc gcgggccagg 55620
 aaggcctcga tgaccgagtc cgggggtgcc taggtctggt cccagagcag ggcctcgtac 55680
 acgtagtcgt agaagagggc cccgagggg tgacgcagcc ggagccaggc ggcgttgaag 55740
 gccagcacgg gcacggccgc cgccgggggg ctctgcccgc cgctggcctc cgcgtagacg 55800
 cccaagatct ccaccgcccg gcggcgggcc aggggcagcg aggccaccac gctggccagc 55860
 gactcggggc ggtggaagag gccgtcccgg cctgggtggg cggaatgttc gcccccttcc 55920
 cctcctcctc ctactcccc tccccctgct ccccgctcca ccagctccac ggccatggcc 55980

ttgatgtccg	cggccgtggg	ctgctgctg	ccccccgcca	tcgccgcccc	ggggtagcgg	56040
ttggtctcgg	cgtagacggg	gaccagccag	cgtcccagag	tcgtttttgc	ctcgttaaaa	56100
gcgtagaatg	acagccccct	ccgcgggaag	gcgtcccacc	gggccaagta	ggtgtcggcc	56160
accagctcct	ccacgaaggc	gaagggtggc	gcggggcccc	agaccgagag	cacctccccg	56220
cggccgtcct	tgaggatgcg	ccgatactcg	gccgccaggg	cccgggtctc	gcggacgagc	56280
cgcgagccgt	ccagcgggtc	cgcggggggc	gaggcggggc	cgtcctcggc	ggggagcgag	56340
gagggccagga	cgtccagcgc	cgcctcgagg	tggcccaggc	cgtagctgcg	ccgcgagaag	56400
gagggcggcc	ggagcaggta	gtaggcgtgg	tggcggagca	ccgccgccgg	gtaagcgtgg	56460
ccgctcgcga	gggtgagagt	atttaaaaaa	tcgctcacca	gcacctgctg	ggccagatct	56520
ccaagtccga	agatccccag	ctccagcggc	atcagcgcgc	gcagtcgggc	cgcggggctc	56580
tcgccggcca	tcagcagctg	acgcgtcacg	cgggccaggc	ccccgtccac	ctccgtcagg	56640
ggcggccggg	cgccgagccc	gccgccggtc	tcctcgccgg	cgtccatagt	ggcagccatg	56700
aagggtccagg	ggtccgtcga	tcgccgcgt	ctgcaacgcc	ggatcgccgg	gctgctaccc	56760
cctccggccc	ggcgtctaaa	tattttctcag	ggggccgaat	tcgcgcggga	cgtccggggc	56820
ctgatcgccg	agcacgcgca	ggcctcctcg	gtgagcgcgg	cggccgtctg	gcgggccccg	56880
cttctggccc	ccgaggcggc	ctctggcggc	gggggcccga	gctttggctg	gggctggcgg	56940
ccgcccgtgt	tcggggactt	tctgatccac	gccagctcct	tcaacaacgc	ggagcccccg	57000
ggcaccccc	tcttccagtt	caagcagagc	gaccgcttct	cgggcgtcga	cgcggtcttc	57060
actcctcttt	ccctgtttat	cctaataaat	cacggccggg	gcgaagccgc	cagggttgag	57120
gcgggagggg	gcctgacgcg	gatggccaac	ctgctgtacg	acagccccgc	gactttgtcc	57180
gatatggtcc	ctaatttcgg	ggggctggtg	gccgaccgcc	gcttccacgc	cttcctcacc	57240
ccagtggggc	ccctggtgga	gaacatcaag	agcacctacc	tgaataagat	caccacggtg	57300
gtccacgggc	ccgtggtcag	caaggccatc	ccccggagca	ccgtcaagct	gacgggtccc	57360
caggaggcct	ttgtggacct	ggacgcgtgg	ctctctgggg	gcggggcccc	gggtgtcggg	57420
gagggaggct	gcggcggtgg	cgcgggtggg	ctggccccgc	gaccgtgccc	ggccgacgca	57480
cgcctctacg	tggcgctgac	atacgaggaa	gccgggcccgc	ggctcacgtt	tttccagtcg	57540
tcccgcgggc	gatgccagat	catgaatata	ttaagaattt	attactcacc	atccatcatg	57600
caccggtacg	ccgtggtcca	gcccctacat	atagaggagc	tgaccttcgg	ggcggttgcc	57660
tgtctgggaa	ctttcagcgc	tacagacggt	tggaggagat	ctgccttcac	ttaccgaggc	57720

tccagtctcc cggtggtgga gattgacagc ttttactcag acgcctctga ctgggaggtg 57780
 attctctaag cttaacgcga agagggaggg ggcttacagg agcattcgtt ccaaaccac 57840
 cggcggaaga catggcatcc cccggggagc gcgagctcct caccaaattg attgatgagt 57900
 tgaaggtcaa ggccaacgtg gaccccgagg ccgacgtcct ggccggggtg ctgctccatc 57960
 gcctcaaggc cgagtccgtc acgcgcacgg tggccgagta catggaggtc ttctcggaca 58020
 agttctacga cgaggagttc ttccaggcgc accaggacga gctggaggcc cgggtctcgg 58080
 ccttcgcgca gagcccgccc tacgagcgca tagtctccgc cggctacctg tcggccctgc 58140
 gctactacga cacctatctg tacgtggggc gcaacgggag gcaggagagc gtgcctcatt 58200
 tttacatgcg cctggccggc ttctgcgcct cgaccacctg cctgtacacg ggctcaggg 58260
 acgccctgct gggggccaga cccgagatcg agaccgacat ggaggtgttt gactactatt 58320
 ttgagcacct gacctcccag acggtctgct gctccacgcc cttcatgcgc ttcgccgggg 58380
 tggagaactc caccctggcc agctgcatcc tcacgacccc gggctctgagc tccgagttcg 58440
 aggtgaccca ggccctccac cggcccttg accgctatct ctatgagcgc gccgggggtg 58500
 gtctgggggt cacagagtat ggcaaggacg gcaagcacat cagcctcctg atgaggatga 58560
 tcaacagcca cgtcgagtac cacaactatc tctgcaagcg gccggtcagc gtggcggcct 58620
 acatggagcc ctggcacagc cagatcttta agtttctgga gacgaaggtc cccgagaacc 58680
 acgaaagggtg cccgggcac cttcacggggc tctttgtccc cgagctcttc ttcaagctgt 58740
 tccgggacga gccctggtcg gactggtacc tgtttgagcc ccagaacgcc ggaaacctgg 58800
 agaagctcta cggggaggag tttgagcggg agtactatcg gctggtgacg gagggcaagt 58860
 tttgtgggcg ggtctccatc aagtccctga tgttctccat cgtcaactgc gccgtcaagg 58920
 ccggcagccc cttcatcctg ctgaaggagg cctgcaacgc ccacttttg cgcgacctgc 58980
 agggcgaggc catgaactcg gccaatctgt gcgctgaggt gctgcagccc tcgagggaga 59040
 cgggtggccac ctgcaacctg gccaacatct gcctcccgcg ctgcctggtg aacgcaccgc 59100
 tggcggtgag ggcgcagcgg gccgacacgc agggcgacga gctcttgctg ggctccctc 59160
 gcctctccgt caccatgcca ggggaggag ctatagggga cggtttctcg ctggcccgc 59220
 tcagggacgc caccagtggt gccaccttg tgggtggcctg ctccatcctg cagggtccc 59280
 ccacctacga ctccaggac atggcctcca tgggcctggg tgttcagggc ctggccgacg 59340
 tcttcgcgga cctgggctgg cagtacactg acccttcttc tcgctcgta aacaaggaaa 59400

tattcgaaca tatgtacttt acggccctct gcaccagtaa tctgattggg cttcacacta 59460
ggaaaacttt tcccgggttc aagaggagca agtatgccgg ggggtgggtt cactggcacg 59520
actgggccgg aaccggactc tctatcccca aggatatgtg ggcccgctc tctgagcgca 59580
tcgtgagggg cgggctcttc aattcccagt ttgtcgccct gatgccacc tcgggttgcg 59640
cccagttgac gggctgctcg gacgcattct acccatttta cgccaacgcg tccaccaagg 59700
tcaccaacaa ggaggaagcg ctcaggccaa accgggcctt ttggcgtcac gtgcgtatgg 59760
acgacatgga agctgtgaat ctggtcgggg ggcgcattct tcgcctcccc gagcgctga 59820
agcggcgcta cctgcgattc cagacggcct ttgattacaa ccaagaggat ctgatgcaga 59880
tgtcgcgggg cggggcaccc tttgtggatc agagtcaatc ccacagcctg tttttgcgcg 59940
aggagcacgc cgcgcgggcc agcacgctgg ccaacctgct ggtgcgcggc tacgagctgg 60000
gtctgaagac catcatgtac tattgccgca ttgagaagtc agccgacctg ggggtcatgg 60060
agtgaaggc caacgcggcc ccgtccccgc ctgcgcccga gcccgagacg cagcgtccct 60120
ctgatcgggc gccgcctcgt cccgtggagc tacgggcaat cgccggggcg gttggcgttc 60180
tgtgaaggg gccgggggag ggacctggtg ggggggtgtgt gccaggggga ttagaagtgt 60240
gctataagta ccgccagctc ttctcagacg atgatctgtt ggagattgac ggagaaactg 60300
cttgtgaatc ttgtcaataa acgtttattg ccatgtccaa gttgtgtac gtgcgtgatc 60360
atgagggcct tgctgcctg acggtcgaga cccaccgcaa ccgctgggtt gcggctcaca 60420
ttgtcctcac taaggactgc ggggtgcctga agctactcaa tgagagggat ctggagtttt 60480
acaagttcct attcaccttc ctggccatgg ccgagaagct ggtgaacttt aacattgatg 60540
aactggtcac cagctttgag agccacgaca tagatcacta ctacacggag cagaaggcta 60600
tgagaaacgt tcacggggag acgtatgcta acattctgaa catgctgttt gacggggaca 60660
gggcggcgat gaacgcctac gccgaggcca tcatggcaga cggggctctg caggccaaga 60720
tctcctggct tcgtgacaag gtggcggctg ccgtcacct gccggagaag atcctggtgt 60780
tcctgctgat tgagggcatc ttcttcatca gctccttcta cagcatagcc ctgctgcgcg 60840
tgccgggctt aatgcccggc gtctgcctgg ccaacaacta cataagcagg gacgagctgc 60900
tgcacacccg cgctgcttcc ctgttataca atagcatgac agccctgca gaccggcctg 60960
gggcccagtg gatccaggag ctgtttcgca ccgcggtgga ggtagagact gctttcattg 61020
aggcccgggg gtggggggtc accttggtgg atgtgcaagc catcaggcag tttctggagg 61080
ccacggccga tcgcatcctg ggcgatatcg gtctccctcc cctctatggc acaccacccc 61140

ccagggactg cccgctcacc tacatgacta gcatcaagca gacaaatttc tttgagcaag 61200
 agagtgcaga ttacaccatg ctgggtggtag atgatctttg agtcaggccc tggctccttg 61260
 ctcaggtctc aggggataaa ttctcctgcc tgcctctgct cttgtacgtc ggcttctgct 61320
 tctgcttggtg aacatggaaa ccacacagac tctccgcttc aagaccaagg ccctggccgt 61380
 cctgtccaag tgctacgacc atgccagac tcatctcaag ggaggagtgc tgcaggtcaa 61440
 cctgctgtct gtgagctatg ggggttgctc caggctggct gcggtggcca acgcgggcac 61500
 ggccgggctg atcagctttg aggtgtctcc cgacgccgtg gccgagtggc aggatcacca 61560
 gggctccgag gaggccctg ccgccctgtc attcagaaac ctggcctacg ggcgcacctg 61620
 tgtcctaggc aaggagctgt ttggctcggc cgtgcagcag gcttccctgc aattttacaa 61680
 gcggtcacia gggggctcgc ggccagaatt tgtcaagctc accatggact acgatgacia 61740
 cggttgtcca agagcccacc acacctgcgc tctgatgcc tacatgcccc cgccacaga 61800
 ccggctgagg aacgagcatc tgattgggca ggtgctgctg atgcccaaga cggcagcctc 61860
 gttacagaag tgggcgcgcc ggcacggcac gggcggggtg aaggtgacgc ttaatccgga 61920
 tctctacgtg actacctaca cgtctgggga ggcctgcctc accctggact acaagcccct 61980
 gagcgtgggt ccctccgagg ccttcacggg cccggtgatc aaggctcagg acacgggggc 62040
 cgttgaggcc cacgtcacct gctcggctgc tgctgactcg ctggccgcgg cgctcggcct 62100
 ctgccgcatt ccagccgtca gcgttcccat cttgaggttt taccggtccg gcattatagc 62160
 cgtggcgcca ggactgctcg cctcggcggg agacctgcca ttggagctca gtgttatattt 62220
 atttaaccac gactccgagg aggcggacac cagcacgcc acggagccag aagctaaaag 62280
 ccctgcgccg cagcctctgg gcgcagaact ccatcaacgc ccagacaca cggtcagtcc 62340
 atctccttca ccaccgcctc cgcggaaccc tacctgggag agcccagcga ggccagagac 62400
 gccgccgcca gccaagccca gccactcaa cgccgcgccg gagaggcccc tggccgttca 62460
 gctcgcgagg aagaggacct cgtcggaggc caggcagaag cagaagcatc ccaagaaagt 62520
 gaagcaggcc tttaaccctc tcatctaacg ccatgttctc gtgccagcag cacctggccc 62580
 tggggggctg cgtgttctgt ctcggtctcc tggccagcac tcccttcgtc tgggtgctttg 62640
 tctttgcaa cctgctctcg ctggagatct tctccccgtg gcagacgcac gtatacaggc 62700
 tgggctttcc ggcggcctgc ctgctgtccg tcctctggac tctggtacct gccaagcgcg 62760
 cggtgctgc ggtcaagccg gccatcttgc tgaatatctc cagtgtgtgt ctcttctttg 62820

ccctcaggg	ctactctacc	agcgtgtggg	tgtctgcccc	ctgtctgttt	ttgggtaacc	62880
tgccctctct	gtgcctgtgg	cccaggctgg	ccatcgagat	agtttatctc	tgcccggcta	62940
tacaccagag	gttctttgaa	ctggggcttc	tctctgcgtg	caccgtcttt	gccctgtctg	63000
tgggtctccag	ggccctggag	gtctcggctg	tcttcatgtc	cccccttttc	atcttcctgg	63060
ccctgggctc	cgggagtctg	gcgggtgccc	gacgtaacct	gatttacacc	actggcctag	63120
agcggagacg	cagcattttc	tgctctcggg	gggaacatgc	ggtggcctcg	ctgaaggaga	63180
ccctgcgcag	gtgcccctgg	gacctgctgg	ccatctccgc	ctcgaccatt	ctcgtggctc	63240
gcgtgatgat	tgtgttgcat	ctacacacgg	gggtgttttt	tggcatctct	agatacctga	63300
ccctgtttct	gtatggggca	atggcctccg	gggggctcta	cctgggccat	tccatcatca	63360
ccgtgtgcgc	catggccacc	ctctgcattc	tgaccgccgt	ggcgggtgat	ttcttccacg	63420
aagccctggg	accctggggc	acgagtgtgc	tgtttatctc	tgtatttgtc	tactacttta	63480
gcgcagtggc	ggccctcagc	gcggccatgc	gccacaagct	gaagaagttt	gtgaacgggc	63540
ccctgggtcca	tctccgtgtg	gtgtacatgt	gctgttttgt	cttcaactct	tgtgaatatc	63600
tgttgggtgac	attcattaaa	ttgtagcaac	tgatgtcctg	tctctgagtg	tacttggggg	63660
gagtgttctg	accttcccat	cattatcttg	tgttaacgcg	tggggatggg	cacccggggg	63720
tgatgaacta	ggtgggcttt	cctgcacaca	gttgggggtg	gggacttctg	gtaacttcag	63780
cctcagatgt	cttcacacca	caccaggtg	aatgttggtc	cccacactca	ctgaggtgaa	63840
caccgttctg	cttgtctggg	tgaaggcccc	ttcccagacc	caccactcc	cccggccttc	63900
atcttctctc	ctggctgcta	gccactcgcc	acacgtgggtg	ccagtcccag	catttccaca	63960
aacacctttc	cattgtctca	tccacgaggc	acccttgtgc	ctactggggg	tgaattctag	64020
cccctctcca	gaaagcacac	tcagccggct	gaggttctgc	tggcttccag	tcccagagga	64080
tcccgactat	gccagggttg	ctgaattctc	gcatgccctt	ttttaactga	ctttcctgac	64140
caaaggacc	ctgactatgc	cagtgtggct	gaattctcgc	gtgcctcccc	ctttcttctc	64200
tcgttatacc	catagcatga	cagtaagggt	acacaggaga	agtggattaa	ggttaaccat	64260
ttattgattc	aatccaggaa	cgaaaaacag	cccagggat	cccgtgcccg	gggagaggac	64320
ggccctgacc	agccggccgc	agcaggcgct	gcggcaatcg	cgggtgtgag	tctccactgc	64380
ctccgtcagg	aggagactca	atgtgccggg	gttgtaattc	ttgatgtagt	ggcccaggaa	64440
ctcaacctct	tcgtatctcc	gtctgcagtg	agcgttgatg	taggccgggg	ccacggcggc	64500
gtacgctgcc	aggagacaga	ggggctgttt	cacgtacgtg	ccgctcaggg	tctccaccac	64560

cttgttgtgg cggaccgtgg cacaggtgat gtagaagagc tgtttcacaa agttgtagtc 64620
 tcgggtgttg ggcaggaagc agggggccag ctccttgagc tttgtcaaga tgaccttgct 64680
 gaggttcatg ggcgaggcca ggaggatgtc ttccgccggg gccaggggca cgtcgccgtg 64740
 gtaggtggtc tcctgtagcc aaaagattgt ctcctccagc atggccacca gtgtgcagag 64800
 ccctgcgttc tggatggcct gcatgcgagc gtccagccag gtgtccttgt tcgtggactt 64860
 ggtgaagaac tcgcgtagtg ttctgtagct cctgcgcagc tcgtgttttg gctgcacctt 64920
 ctgccaggct ccaatgtccg gatgggcggc cacggccagc atggactgaa gaaaggggtc 64980
 gtggatgggc tccagggtta gagaagccag agggctcggc agtgtgacaa aggtgatttt 65040
 gtcaaggggc ttcaccaagt tcacatcaaa ccacggtttg ttgggaaggg ggcgctggcc 65100
 gctatcttgc ctccccggt tctcagagct cttggcagcg cctccggatg tcggccgggg 65160
 acccctgggt gttctttccc gtctgggagc cctgggtgcc cttggtgctc ttggagctct 65220
 tggagctctt ggagctcttg gagctcttgg ggctcttga gccctaggcg ctctgggggc 65280
 cctgggagcc cgggcgtcca gaggtgacct cgcttcccgt gaacgacgcc ggcgcttgcc 65340
 ataactttca tccgtgcggc tgtggacctg gctgcgctgc ctcttgcgcc ctctcgagta 65400
 tggtgagggg ccggcctcct ccccatcctc atcatctctg cagagaggcg agcgatgcag 65460
 cgtgactgtc ttgttctgta ggtccactt cttcctggga atcaciaagg atgcagagga 65520
 ggtgggcacg accacgctgg cgggctgtgc ggggtgctgag ctggccggcg tggggctggt 65580
 tgggtgtggg tcttcacact cctcctcctc agaggaagag atctccccgt ccgtggagtc 65640
 tacctcacc cctccatgg ggtccatttc gcagtctgac gcggcgctcag agacctcttc 65700
 gagttccagg atgcggctct ctgggtgggag agagaaaagg ggagacggct ttgagcactc 65760
 gtctcaggca cggggcacc cgggctcccc ggccccggtc actggacggt gcggcctctt 65820
 acctgcggcg gtctcgttag aggaggcctc gctgctagtc tgagagagat tctgtgaggg 65880
 aatcatcgtg tctgtgtctc tgatgggcca gtggtgatgt ggtgccgtcc cagtcggact 65940
 cagccctatt tatcattctg tgggtgggca cgctgatgga gaaatgggcg gtcggttgat 66000
 ttgccccaca gcgaccggcg aagcactgac tcataaagg gaccgtgatg gcctggggcg 66060
 tgtaatacag gaccagaaac accctcacat tcttgagact ggtcctgtgg ttatgcctca 66120
 ggcacgcaaa gttcctgccc cggccatggc acacctgaac taaatttggc cccgtttgct 66180
 caaacgtgac atggaggaac tgggggaatt tgtcctcggg cacagctggt gccaggggtg 66240

tcatgaccga	gggccagacg	caggagctga	cccagggcag	gagatccagg	cccagctgcc	66300
cctctatcgc	ggcgccaggca	ttctccacgg	tggggggcag	ggtctcgcgg	gtcctcctga	66360
tcagatagtc	gcggccatcg	tcggagacgt	ggtagcagaa	ggttttggga	gctggccagc	66420
ccacgtgcag	ggagtgatgc	agcaggtttt	gaatgttgag	ggcgttctcc	acatagctgc	66480
gcttgtcctc	ctcttccggg	tgacagacaa	agagccgcag	ctgcctgccg	agggcgccgc	66540
ccctgtccac	cttgtaggta	tgcggcagcc	ggatgcaccg	gccggcgtga	tacacgccgc	66600
tgtcaaacag	gggggccccg	atgtctttga	tcttgtggcg	caggcgccgc	aggcaggccg	66660
tgagacccat	aagtttctga	agcacgcaga	cgaaccctg	cacagcgctc	gttcccacga	66720
tagcatggcc	tctgggtagg	ggggtgatga	cccggaagcc	cagcttcccc	gtgcagatgc	66780
agaaggggag	cacgtcttcc	atgttctcgg	agtcaggggg	tgggcatgcc	gatttgaaaa	66840
aatagacggg	gtgcgacctg	gacaccgggc	ccaggcgccg	catgaggcgg	agtaactcgc	66900
gcctcaccgt	caggcagagg	tcatagatct	cctccagcgt	ccaggcgcc	ccccgggtct	66960
tgagatccag	atccaggacc	aggttgcaga	ccgggagcct	gggattgaag	tactcgtgcc	67020
gggagacaaa	gagctgctcg	cccaggctgt	tctgggaaaa	gtaggatggg	gtgtaggaga	67080
tggcccggt	gagccgcgtg	tccgggagcc	gacagtcggc	cgggacggag	accacctctg	67140
ccagacgggc	cgagaagggg	tccggcgcca	ccatcacaaa	gtatcgccctg	tccgcgaaat	67200
ggcagaggaa	gaccgggagc	cgctggccgc	tcctgagcgc	ggcgtccggg	aggaactgct	67260
ccttgggatt	ccactggccg	tggccggctg	cctggccggc	caggcacagg	aagccacgga	67320
ggctgggggg	ataggcgggc	ccctcctccg	cgtgccagct	tgcgagctcc	gccagctccc	67380
gggccacgtc	cgcgctgagc	ccggcccagg	cccgggcgag	cccatcctcg	gggtccgggt	67440
cccacgagta	cggggagggg	ggctcggtgc	ggatgttcag	cttctggacg	cgcacgtgct	67500
cggacaggta	agtctcgcgg	gtgaagtagg	tgcgcatgtg	ctccgcgaag	ccccggtcca	67560
ggagcgaggg	gagcacgacg	ccccccactg	gcaggcgccc	tatctcccc	acgctcgтта	67620
tccgagagta	tcgcttgaag	gtagcctcgt	tgaaacactg	cgcggtggcc	agatagacgt	67680
agcgcacgag	gtcggccgag	gccagtggaa	ggcgccccct	gtaggcatct	atcgtcctag	67740
ccaccgcgcg	gatctcgcgc	gagtcccgcc	gcagcttttc	gcgcgcgaag	cgggcaaagg	67800
cctcggtccg	ctccgcccag	acggaggagc	caaagacctc	ccccagctcg	gccagggacg	67860
tgacggcggc	caggctctgc	cccgcctcgg	aagtaaacag	ctccgtgagg	tgcgtcagcg	67920
tctcaatcgt	gcaaggaatg	ccccaaaaat	agtaagcggc	cgagaccagc	acgaactggg	67980

cctcgtggga gccgaaggtg ctcaggaacc accgggcaga gacgttgacc ctatagatgc 68040
 tgcgcaggca gcccacgata ttggggcgca gccacgccac acggcccctg gcgtccccct 68100
 gcggctgctt cttggcgctc agtgtgagca gctccacgag cggcgcgagc aagcgagag 68160
 ccccgcgcg atccaggtgg gcggccagcc ggtccgcggt gagcggcgcc acgccacgca 68220
 ggaaaggggc tgccctctcc ccgggcaggc gcagcgtcag gacgcgggcg cagcggctcc 68280
 gggaggtcag acgcttcttg gggaggtgaa gctgcagttc cagcagagat cccgccacgc 68340
 ggtggagggg cggggcggtt tgacataaac aaaacaggcg gaagccctcc tcggggcgcg 68400
 agaggatggc gtcgaggacg gcctccgccc tgtcagtggt ggtggcaacc agggccttga 68460
 tgacgacggg ggtggacatt atttaagacg gggagcgcg ctatgggggg taaacagaac 68520
 gatggccttc tacctccccg actggacctg ctgcgggcta tggctctttg gccgccccag 68580
 ggacagatac caccagctcc ccgaggacct ggagaccttt gagtgcccg accgctggcg 68640
 agccgagatc gatctgggccc tgccccggg cgtgcagggt ggcgatctgc tgagaaatga 68700
 gcagacgatg ggctcgctga gacaggttta tctgctcgcc gttcaagcca atagcatcac 68760
 ggatcacctg aagcgctttg acgccgtccg cgtccccgag agctgtcgcg ggggtggtgga 68820
 ggcccagggt gccaaagcttc aggcgggtgc ctctgtcatc tggaacacca tgatctctct 68880
 ggccgtgagc ggcacgaga tggacgagag cgggctcaag gccctgctgg acaagcaggc 68940
 tggcgacagc ctggccctga tggagatgga gaaggtggcc accgcgtca aaatggacga 69000
 gaccggggcc tggggccagg agatctccgc cgttgtctca tcggtcaccg ccccgcggc 69060
 caccggcgca tttctaaacc ccacccacga gtctgagatt cccgccaccg tcctcgcccc 69120
 gccacccgtg gtgcggcagc ccgagcgctc gggccccgcc gaactcgctg tcgagccctc 69180
 tcgttaacgt agctacaaa cgcaacacct aataaacatt ttattgttga aacaagggat 69240
 acgagggtgt cattgtcccg aggagccaaa cccccgctgc tctctcccc cctctagcgc 69300
 cgcccgtagc ccgtttcccc ccagggccag gtccgggtcc tcctcgaaga tgcagctggc 69360
 ccacctaaag agggttcttg ggcccagtac tctcgctcg ctgtggggac tgtagaagga 69420
 ggtcaggtgg tgtttgtgga ggtagacgag ctggcagaag cgccggtact tgttgaggaa 69480
 cacggtctgc tcgccaaagt tggtcaggct gacgctgacc ccacctctgc gccacctgca 69540
 cggcttaacc aggatgccct gcatggccag gcccacctg ccaaagatcg tcggcctgtg 69600
 gtgaggaatg ggggggtggg gcattgacag ggtcacggag accgtctggt gggggaagat 69660

ggccaggtcc	tggggcagcg	agacgtccag	gcccacgtcc	ccgggggtact	gggggaggct	69720
aatgggcccc	cggctcctcct	ccagctgggg	ggtggcatat	ctgaaggctg	ccaggtggat	69780
cttcagctcc	gaggggagca	gcgtggagtt	gtagcggcgt	tggttctgaa	ggatgagcct	69840
gagttcccc	gtgtagccgg	gatcgatgat	gcccacgtgg	gacgtgatgg	gccgcgaagt	69900
gctgccccac	agcatgagcc	cgtggccctc	gggagggtcgg	gcgtagaggc	ccaggtccac	69960
ggcgtgggtc	ctcatcgggc	gcagcaggat	ggtggttttg	ttgaccaggg	tgagccgccc	70020
cgcgctggcc	tgctggaaga	ggagcttgct	attctggaag	gcgtagcgta	tgctgtggact	70080
ggcctccatg	gtgatgagct	aaacagagag	ggacggccgt	gctatatata	agagcctcag	70140
acccgaccgt	ccgcactgag	aaatggggaa	ggaccgaggg	aaccgtttg	ctaaggctgt	70200
gccactgac	tttgccgcct	tcgcctggct	cctggccggg	gcgctgggtg	ccggcgaggc	70260
cggteccaca	cccccccccg	cagcgccggg	tgccgagggc	cgcgagcggt	tctactccta	70320
ccagtgtaac	gcggacacgt	tctctccctc	cctgaccagc	ttcgcgcca	tctgggcgct	70380
tctgacgctg	gtcttagtca	ttgtggcctc	cgccatctac	ctaagtacg	tctgctttaa	70440
caagtttgtg	aatacgctgc	tgactgatta	gacgggggat	atttaaaagg	gctcgcatte	70500
ttggccgcct	gtactttctc	tctgctcggt	aaaccaatag	catgtcggcc	cctcgcaaga	70560
caagagtgcc	ttctggcaag	gggatggctg	aatgagcgt	ggaggacatg	gctgcccggc	70620
tggctcgtct	tgagtctgag	aataaggccc	tgaagcagca	ggtgcgagc	gggggaacct	70680
gtgcctccac	ggcctctgct	gcctccgccc	cattgcccc	accagagccg	ctcacacccc	70740
gccagcggga	ggtgatgatc	actcaggcca	cgggcccgcct	ggtgtctctg	gcgatgcaaa	70800
agatcgaaga	caaggtgcgg	aaagccgtgg	acggcgtaga	taccgcccc	gagatggaag	70860
acattctgaa	aaatctgacc	gttcgccttc	aagtctctat	gtctggggcc	aagggccaaag	70920
cgggccccgag	tgagggaaca	cgaccgcgag	aagccgcgga	ccccgcgcgc	tcccgacgtg	70980
cccgtcccc	atccccagga	cgcaagtca	agaaagtgca	aatttctgat	taataaatct	71040
ttattgactc	taaacagcgg	tttcaaattc	atcatcatat	gggggggtgg	tgtaggtatg	71100
gattctggac	gagctgcgtc	ggaaggcaca	gtccgatatg	accagtaaca	gcagaagagt	71160
cagtacaccc	agagaggccc	attgcagcac	tagcatggag	agattggagc	cctcgggctt	71220
aattgtgggt	gggaccggca	ctgtggcctg	ggtgggtgga	gccggtgggc	cagtagaagt	71280
ccagcggggc	cgtagcgtgc	tagaattggg	gggagggtgga	gggggtgggtg	cgttgtatac	71340
tggtgtgggt	gagtttccac	caccgcgtgg	cagttgtgtg	cttcctccgc	ttccaggttc	71400

ggtggttaaca	ttggcctttc	cacctgctgg	ggtgccagtg	ggaaccgtcg	tctcctgact	71460
gctggtggcc	gagggcgacg	ttgcattttg	ggcaggtagg	atggtggtga	ccttagttgc	71520
ccccggctct	ggggatgtgg	aactgtttcc	agggcctgcc	gtttggccgg	tggtgcctgg	71580
gggaggcggt	ggagaagcgg	tggacacatg	attcgtgttg	ggagcttctg	gtgtagtctc	71640
tgttatatatt	ttgctgcctg	tttcatgagt	agacgtgagc	ggtgggggtga	ctgagggttga	71700
attgaccctt	ggtgtatagt	tggttcttgg	tgggcttgtt	aatcctgagc	caggactgga	71760
gctaggtcct	atagaagatg	gataaggtgt	atttgttatg	acggacgggg	tttcagtgc	71820
gcctggagtg	ggactaatgg	acgtgggctt	ggggctgggtg	gcgttagggc	ttgtggctcc	71880
cgatggggga	ctggttgcca	ctgatgtaga	gccggagacc	actgtggtgg	gtgagggtgc	71940
gttaggggtg	gtggacactg	aggtggggct	ggtggcggtta	ggggtggtgg	acactgaggt	72000
ggggctgggtg	gcgttagggg	tggtggacac	tgagggtggg	ctggtgacat	taggggatgt	72060
cataccagtt	ggcgtgggtca	acgtgggggtc	ttcgggttgt	ctggttgag	cagaagttac	72120
cggatcaggc	gcctttgtaa	aagtgcctg	gtaggcaaca	gcggtgacat	ttgtggctgc	72180
acgtgaaata	attagtgttt	tcgaggttat	gttgtccacc	tccacagtga	gttcaaagt	72240
ccgattagac	aaaaattggc	cggccattct	ctcgcagcct	actggctgct	ggttgtttgt	72300
gtgtagcatc	catttgcact	tgaagtcctt	agacgtgtca	tttgcccagg	cccagaaggc	72360
agtcaccgtg	acatttggtg	cagtgttgtt	ctccagtggc	gccatctgta	gttgatacgt	72420
ggcattttgt	ccagtgtata	acaccacttg	agtttgcgcc	ggcatgtcct	gaatagtggg	72480
cagtttgtca	gagaacataa	ttggcgccct	aaggcagaag	tcccatgct	cagagtctgg	72540
atcctcagta	tacataatat	agagtgtact	ttcattgcct	agaaaacgtg	gcacggggcg	72600
cggcattaaa	gtcaggttgt	atacgtagcc	gccaatgggc	gccggcggtg	tgctggggct	72660
tgccgggggt	agaaccccg	cactcgcaaa	atgaggcttg	tctccatcgc	atttaattgc	72720
aaagttgttg	tttcccggca	aaactgggtga	aatgggatct	ccctcattcc	ggcacagcat	72780
gtcaatcccc	tcgcttgtca	tttccatatg	tagagaaaat	ttggtcgcca	gaggcattgt	72840
tggaagctt	atgggaactg	atatgtccat	tccctgtgcc	cttaccacag	ctgttatatt	72900
ggtagaatta	cagtggttcc	acacaacagg	gggcatcttc	tttggataaa	gatagacggg	72960
ttctttcatt	tgaactcgct	ggcaccacaa	aatgtcaa	gcgtccagga	aataaatgta	73020
tagagcttcc	atgctaacgt	gctcctcatc	cctactgaca	ttaattggaa	atatgatgga	73080

acgcattgtc aaagccatgg tacgagcacc gagcaactca agggagaaga gactagtaac 73140
 attttcgatg ccaccactgg catggagtggt ttggtaaagt ttttgggtaa taggggtgat 73200
 cgggtccaaa tagagatcca gatgcctatt agcttcacca accttgaaga cgatagagat 73260
 gtttacatcg gcagtgcaga cctcacactt gggataaaaag gggaactgca gcatctctat 73320
 attgaaaaat ccaggatctt caccagcaaa gtggaaaaca ctctggaggg tgtattgaca 73380
 taacagaaaa gccgcttcca ttgtttcagt gcagattcgc aaacagcccc ttctttaata 73440
 ggaccgaag ggggtgcgtg ttggtgagtc atgcttttgt tgcagacaaa aatggaggaa 73500
 gaaaggccgg gcccttggc accggatgac aacatggaag aagaggaggt tccatccacc 73560
 tccggtgtcc aagtacaggc gtcaggatg gataaggaca ttgtcgtcat acctgattct 73620
 gaaagtagct cgggggagga aggagagagg ttaccagatt caccaccgcc accaccacag 73680
 aaggggaaga agagaaaacg gagaaggagc gatgacgcca gtggcacaac accgagccag 73740
 ccaccttggtg tccccagct ggagcttggg gtggtagaag actttggtgg gccacaacat 73800
 caaactttag gaaagctcct tcatgctgtc agtgccacga ctttgggtgag caaccaccgc 73860
 cttgttgtgt gatgcgtgtt ttcacccatc gctcaacaag gcacgcgtgt gatttgttgc 73920
 cattaatttc agcatcccaa cacgcgagcc atacgcctgt ttttgggac cagtattctg 73980
 actaccaga ggttcctggc ttatgccatg gctgtccgac agggcgtag agatcgtcag 74040
 gcaattcaag ctacgattaa atgtcagaac tcctggaaac tgaccaccac ggcctcacgc 74100
 tggagaatgg gttaccggaa gcacagcagc tggatgtaca gctattcgga tgatgtgcgg 74160
 cgccctataa gaattgctat ttgtgtaaca ttgcatgtg aagaaggcga gaggtggaac 74220
 gtgtcctact cagcaggcac cttcaaaccg gtgcgggcaa gcaattatga tatggtgtgg 74280
 ctaaccacac accggtgtgt tggtagagcta gtggaactct gtgatcctat ctatcatcct 74340
 ttctttggct atctgtgcat tttccgtgc ctgaaattca tctgggaaaa tgtgttgtt 74400
 cccgagcaac gcgtgccatt tatgcagttc ctaggctttc taaaaagac ggataacatc 74460
 tacatgaagc ggtttgttca ggaaggcctg ctcacctca acatacaaac gccgtggctg 74520
 agtgaagacc ccgaggagc agtggacagg ggggtggacac aagccttaat aagggggcgt 74580
 gtgttaggtt taagtggctt tgggtcccg gcagagccc acaaagatgc tactggtgaa 74640
 acgcagcaag aagctgagga catggagagt gatgatgagg atgagattcc tcgtattgtg 74700
 tctcgggaag aaaccaagag aaaagatgca cgtccccctc aatttctaac acgcacgcac 74760
 aggctaattc ttgagagaac aggggggctt acgctcaggg ccagaaaggc cctggaggga 74820

cccagtgcagc cagcctccgg ggggccaaga cgcaggaaag agtgtgcacc agaaccccc 74880
 ctcaccctta gaaacctcca catactagca gggatgttcc gtcagcagtt taaggagatt 74940
 tgtgcacccc atgtgtcttc accccatta gtttcagcgg tcgagatccc aaggccccag 75000
 gcagtacagg atctggaacc tgggccagta cagagtccag aaccggggcc agtacagagt 75060
 ccagaagcgg ggccagtaca gagtccggaa ccggggccag tacaggatct ggaaccgggg 75120
 ccagtacagg atctggagcc ggggccagta caggatctgg agccggggcc agtacaggat 75180
 ctggaaccgg ggccagtaca ggatctggag ccggggccag tacagagtcc aaaaccgggg 75240
 ccaacaccag cccccccac tgggcatttt gttaggccct gggaggcagc accgtcacag 75300
 gttcccaaag tagccccggc tacacatatg ccagatcca tggcaggggc ttttgaccca 75360
 agacctgctc cattgcctag cttggcctta cttacaggcc ccgccccaga aacatctagc 75420
 tccgtccagg tgtccatgtc atacgtgcc ccaagctggg ccccaacacc tgtccaaccc 75480
 gttgtcccca ttccaatacg ttgtgggtcca cctccggatt actttacttg gtatagctcc 75540
 agaggcaggc ccagagata cccctacaca catccgggtg ctgtacaacc ccctgaagtt 75600
 cctatggcgc ccaccgaggc tccgttgtct taccggcca tgcaggcggg gagaattcct 75660
 gtaatgaggc cgccgtcccg atcaaggggg ggtaacgaat gggagacacg aaggccatat 75720
 agcttgacga ggccaaggac cgtgcgtgcg tgtctcgcta tgatgcgctc tgggtactctt 75780
 ggcagaccac cccgggggtga ggacactgag acgtgggttag aacgtaacct gtctcaggtc 75840
 gccgggcttc gggtggccac aggaacttct gctttccagg gtctcgatca ggcccagggtt 75900
 ccagcaaccc caccacagct gccaccacga gtgggagccc ccatgtctcg ctccatttgt 75960
 cggcgggctc ccgtaattcc agcacctcct cagctgcccc ccatgcctgg ccagtgggtc 76020
 tttataccag accaagaacc gcttcacgaa gcttccgtta gaccacgtgt tagtcagggc 76080
 ccttaccaga tgggtgcctt taggcaggta cctcgtgtgg aatctccgcc ccctgaaccc 76140
 accaacaccc acgtccctc attttttggc gttaccaat ataatgtcag ccaggtgagc 76200
 tttgatgagg atattgagga gacggaaagt gcagatgggt ccgaggcttc agagtatatgt 76260
 gaccctattg atttgtcaat ccatggcagg cccaccccaa gaacccccga ggtgattttt 76320
 gtggcgagg atggccagaa tgtgtcaggt gcgggtagtg gtgtggtttt ggtgtcagct 76380
 ctggttcact ccggtcaggg tgaagacttg cctgaccttg aggatcccc agataatgag 76440
 gaataagggc tgtgtaggag cagcatgttt tcccattacc ctgctgatat ttcccaggca 76500

ataaatctgc	tgatgctgaa	ttccaaaatg	tcttctttga	ctttatttca	taacttagtc	76560
cagaggaaag	gccatactct	tgtaggttat	tgagatatct	tatctcaaaa	cagttaaacc	76620
cgccaaaatg	aagaaagctt	ggctcggcag	agcattgcgg	gatggggccg	cagaggcacc	76680
ggattctgaa	gaccagatt	caccacagga	tggagagaga	ggtaatattg	gtgatcccgg	76740
gtctaattcc	agtccacgtg	aaactgtgtc	cccgggaccg	tctactgcca	gcgagcaa	76800
gttgcaacac	gagcccatgg	aagagaattc	agatgatgac	gtggaagaag	tgagccaacg	76860
ggccagaacg	ccccacacg	gctatcagga	ggcgcgtgct	ctctggtcgg	ctcgggtatc	76920
aacgtttgtg	aatgtaacac	cggtgcaggc	gtcagtaatc	caagtagtcc	acgtgccta	76980
tgatagcatg	ttggtaagag	gcgcccagaa	catacgtgtc	cactagtttt	tattggctat	77040
ctggcctgca	ttaatttgct	gttattgggt	tcagtttccc	tcatcacggc	atgtagccgg	77100
tttgttcttt	gatgaaaatc	tgacaaccga	agagtttata	tggctctgca	tgactgtgcg	77160
tcatagatgc	cgctctgtcc	gggaagaacc	atggcccatt	gcaaaccaaa	gacggtggag	77220
gatggtgtcc	ccgcagagaa	cctggcccat	gggattttgt	acgaggcacc	tcatgataga	77280
aaattttgag	ctttggggca	cttcaacagt	ccgggtctat	ctgacggcca	ctttaggggtg	77340
tgaagggtgg	gagcgccaca	gagtgactta	cagcgccggg	accgtaatgc	cgcccagaat	77400
gtcagaattt	tttcagaagc	agttgacatc	cttttcgttt	gcagattata	cccgggtcca	77460
ttcatcgccc	agataccaca	tgttctttga	tttagtgagt	tctggtagga	gactctatcc	77520
aatatggatt	tcaccatggt	ctagggatga	gagaattgcc	tttgtgcagt	tcgtaggatg	77580
gttatgtaag	ccggaacaca	gactcataca	ctactggttt	acacagtgca	ctgggagacg	77640
ccgaccaacc	aggccgtggc	tgaaaccgca	tccgcctgat	gttccttatg	aaaaccctt	77700
aacatccaga	gatatcgcta	ttgcctttgc	ctgtggacta	gccatggagc	tctatgcggg	77760
cagactgcca	aatgatccca	taattgtcga	agatggaagc	gatgaaagtg	actctgagag	77820
tgaatgtgac	ccgatagtg	ccgcagaggc	cctagcgagc	atgccatgta	taattccgga	77880
tcctgtgtac	attcacggca	gaccaaaggt	ttttgccacg	agtgcagcac	ttaaacaag	77940
aagaagattt	agggccgtct	tgtctgacct	gagtgtagtt	gatgcacttc	gggagcaatg	78000
caaaaagcag	aaggcgggac	aggcagagca	gatagcagcc	ccaactccac	caaaaacaac	78060
acaaccaca	ccacatcccc	aagtaccac	agtgatectc	catagaccac	atgcacagcc	78120
actggaaagt	cagaccgtgc	caccaagagc	cccttaccac	ctgggtaccgc	agcccccttt	78180
gccacatatc	caagtagcac	ctgtcatcgt	tcaccaacct	ccagcgcaag	tcagtgcacc	78240

tgagtcctta	ctagacctac	ttgagcagga	taatgaggat	gctgaacaac	gggttatgtc	78300
aacattcata	gaacgcagcc	cactgccccg	tccaatggcc	acaagagctg	ctccctgcgt	78360
ttatagggaa	gaactagaca	ttgaagaaga	tgagccccgc	ggattggggc	aaattcagat	78420
acaggcacac	ttggccacca	tttgcccagg	gtacacaggc	aggtccaacc	tcaagcctca	78480
tggctcaacc	cactctgagc	caccttcaac	cccccgggca	catatacccg	ccaattcaga	78540
ccccaggcgg	gccacctttg	atgtcttggg	cttcagaagc	ccgattgggc	cacccaagaa	78600
ctggaccaat	gcgaacccca	gtacggccaa	tgccaatgcg	agccgccccca	tatcagctgc	78660
cccaggccgg	gcccgcctcc	cagcagcagc	cccaggccgg	gcccgcctcc	cagcagcagc	78720
cccaggccgg	gcccgcctcc	cagcagcagc	cacaggccgg	gcccgcctcc	cagcagcagc	78780
cccaggccgg	gcccgcctcc	cagcagcagc	cccaggccgg	gcccgcctcc	cagcagcagc	78840
cccaggccgg	gcccgcctcc	cagcagcagc	cccaggccgg	gcccgcctcc	cagcagcagc	78900
cccaggccgg	gcccgcctcc	agcagcagcc	ccaggccggg	cccgcctccc	agcagcagcc	78960
ccaggccggg	cccgcctccc	agcagcagcc	ccaggccggg	cccgcctagt	tgattgtgat	79020
gcctccccag	gctcctaaaa	ggggcaggcc	tgccagtaga	aagccatcac	gtggagctaa	79080
actgcgcccc	ctagtgccaa	ctccccagcc	gcaaggggga	catactgtgc	aggcacctgt	79140
cttttttcca	ccggccagca	caccttcttc	acaactgccc	agaaagctgg	gtttcgtaag	79200
gcccgcgggt	gccagcacgg	caccccaggc	accaccccaa	gaaccgggag	aacggaggca	79260
ctgggaggaa	attctccctc	ccaaacgagc	caaaaccgat	gccaccgtag	agtctcagcc	79320
cgccaagga	gagcaattgc	cttccttttc	cgttatttgg	gagaatctca	gtctgggcct	79380
agagcctgct	ctaggccagg	gagaattcac	gaccgaagat	ggggccaatg	aggggaccaa	79440
gggtggcgcc	gccgaatctt	ctcctcgtct	tgaaatatcg	gacgaggagt	tctaattgtc	79500
tcggtggaca	tgaactggga	ttaacccttt	aaaagataac	taatgaaatg	agggacagtg	79560
ggcaagataa	caagttacta	caaatttaga	tgaggcagca	attttacata	tttacagaca	79620
caacaatggc	atcacaagga	gagggggacg	atattcattc	taccaagag	gagccaggag	79680
acaatgtaca	gcgaccgggt	gagctcgtcc	cggggacagg	gtcacaggcc	ggcgagcccc	79740
ccatggggac	gacacagcgg	gatgagtgtg	cagcagagac	cggccaacag	gcaggcgggg	79800
gggaacagga	aacctggatg	caacacgtgc	ggcaaaggcg	gagaagaagg	cacgagaggg	79860
ctggagaata	cttaggcgga	gcggggcgct	agttgccatg	gcttcctcca	tttgtgacta	79920

ggcgcgtattc agcgggtggag ctcaggaatg ccgcctatga agctgtcgtg gtgagcatgc 79980
ctctaaagcg gggttatgcc aagggggcttc ccgaaaccct gacctgacct acgtctccct 80040
taatttttagc aaccttcaac acatgttcta gccaacctga tgttcgatag aaatgttgac 80100
ccacgtcaaa tgggtgtgctt tatgatggcg gccagacagc ggtgccgtga tctcgaacgc 80160
gggtccagca cagcgcctgg gtggcgacac tgggtgctca cctctcccag tgtaacgtgg 80220
tatatgggat tccgcacggc atcaatccgc accagaacat ctgcgcccga tatgattgga 80280
gcagacaatg taaaggtgat ggtaatgatg ggatgccaca cgggggcaag aaacgaaagg 80340
gccttctcgg ctcaggtctg gacaccctac ctccccgggg cgaggagca agaaagattc 80400
agccgcgaag cagaagcggt ctctcaaaga cggcgatggc aaaggcggtg cagagttatt 80460
tttgatccct atagtgagtc gtattattcg ctgcgccaca tctggcttca cagactgcag 80520
agtgcgccc aacttttcga ctttgcccggt ttcattgggag ccatgacacg ttgcggcaat 80580
ccggccttga aatactggtg gcacaagtca atcgggacct acaaaccgag cgtcccgtgg 80640
taccgcagac ctaatgagca ggcctttcac acgtgccggg gcctgaattc agacgatctc 80700
aagaccacgt ttagagaggg acagaggttg ggcttaaggc tgctggagag ggaagaacct 80760
gacattgatg atatcggtga aacgagcagc gaagaagagg gcggccgaga ttcggactcg 80820
cagatggagt cctcagatga cgagctgccg tacaccgcac caggcatgga gataccccag 80880
aggaggcccc tcattttcat ttacggcctg ccttgagaga cacggccatg gccacgtgc 80940
ataacgcacc ccgcggtgcc atcactgggt gttgatgaag gcagttccga tgagatggaa 81000
caagattcga gcctcccggc ccagccaggg ccattctgaca atccacctgt acccaccacc 81060
ccaccatata tgaccaggt tgaacacacg accgcgatcg ttcattcagc gccccaatcg 81120
ccccccactg aggcaatcga ggacgcgcca caaagtgttg gggtgccaag tgggtgcgtgt 81180
gtgggttaca ctgcccatga tatcatagag gtgattgatg ttgagtcctc cgatgaggaa 81240
gaagccccag cgcgaaagcg tcgggctgtc gtgtccacag gcgaggtcag tgggactttg 81300
cccaagggtga agccatccaa gcgaggccgg ccaaaagcat cgcaacctga gaagcaacag 81360
caaaaatgta aagatggagc tcctgcttcg acgcaacacg agaagcaacc caagtcctcc 81420
gccccaccct ccaaattccg tgaattactg agggaaacgac tgatggagcg gccatttggg 81480
ccaaagccaa agagcttttg ggaaatgcgg gcaagtcgtg atggtagtgg caaacaacca 81540
ccagcttcac gccggggggc aactctacaa cgtcctacgc ggctcccatc cgtctttgtg 81600
ctcccctcgg tgcccaccac gagacctcgg gcctcggaag agtctcgcaa gcaccattg 81660

tctgccaagc	ggccgacact	acattcagag	cagctcacgt	atgaggattc	ttcacccctca	81720
cggcatgcat	gttcagcata	tgatgatata	gagtttgatg	ttcagtattc	agaggacgat	81780
gaggaaccaa	aaccccagga	gccccaggat	acaactgatg	tggaatcaca	gcccttacag	81840
gatccacccc	cgggcttccg	ggaggcacia	taccaatccc	accgggctcc	attttccggg	81900
catgaggagc	cgtggccaca	acaccagcag	gctccatacc	cgggctactg	ggagcctcgg	81960
cctcagaccc	aacatccacg	gcaggctccg	tgccaaacat	atggggagcc	tcagccccag	82020
ccacaacatt	cccagcaggc	tccactccca	acatatgggg	agcctcagcc	tcagccacaa	82080
gagccccagt	gccctacata	ccagggttat	gtggagttgc	agccacaaca	gccccaggcc	82140
ccgccgattc	cctacctggg	atacagggag	cctcaggccc	agccacaaca	tgcccagcag	82200
gctccacgcc	ctgtagcaca	tggggagtct	cagcctcagc	cacaagagcc	cctgcatect	82260
ccatacctgg	attacaggga	gccgcagcca	caacagtccc	aagaccact	ggctccatac	82320
ccgaattacg	gaaagccgca	gacacaacat	ccaaaggcca	tgccgattcc	atacttggga	82380
tacaggggagt	cgcagccaca	acagccccag	ccccaccag	ctccatatcc	gggttacgga	82440
gcaccacgga	tgagccatc	gcgggctcca	caccggggtt	acagggagat	acagccccag	82500
gccccattgg	ctccatacat	gcattccacg	gtttcagttg	ctcaatatcc	aggtgactca	82560
ggtccttggg	gtttacgggc	tcaatatcaa	agatataggc	actcgtgggc	atattggtct	82620
caatatccag	gttatggggc	tcctttaacc	ccctggggcc	aacggcctcc	atatccaagt	82680
tatccatgtt	cacagcctac	ttgggctcca	tatcccaggc	cagcacatac	ccatccttta	82740
caaccacagc	ccgtaccacc	gacccccgag	caaacacagg	cccaacagtt	gccctattca	82800
cagacccccag	attcagctgc	agcactgcc	ttgttatcta	cacctcgtga	agcccccttg	82860
cgccccattc	cgacaagact	cccaactcct	tctaccccg	tacaagatag	catgaccacg	82920
gggtgcaactg	caccgggtac	ttcgcacccg	aacgtaattt	ttgccagtaa	cctcagtcaa	82980
ggggccttta	cacaagtggg	caccgagggc	caacatcaaa	aaaggcctcg	tttggaaggc	83040
tctcatttcc	acacaaactt	agacaaagcc	gccggggaaa	cccaggccgc	tgagggttatt	83100
agtgagggct	ctgacgtttc	taaaggccaa	aaggacaccc	agcatacaga	ctatgatgca	83160
tctacagaaa	gtgatataga	gtaaaaattt	catccgaata	cccagccctg	tgtctgggac	83220
cccccttagt	ctcaatcttt	tctatgacta	acacataaac	agggcttatg	aatgaacac	83280
tcgtgatgag	aaactggaac	tttactagat	ttactgacat	aagtacaatg	agagccaaag	83340

atctgataaa cttgataatt gccccatct aatgatgtcc agttcccctc tcctaccttg 83400
 tacactccaa cccaaagaga ctctgaagct tttaaatttc cagttaccac aggaaggatg 83460
 ttggccgttg gcccataaaa ataagtgcac tcatatagct cagcacaggc cttaaaacat 83520
 ccatcccagg gatgcttctg tggggtgaaa taaaagcagc gcttgctaaa tgagaatgtg 83580
 tacttttgag tgttgcaata tgtgcagtta ggtttggtgt aattctcagg taccttgaat 83640
 gtgtgcaggg tgggtttcca atgtggaagg tctatctctg gctttccata ctctgctcg 83700
 gctgtcttgt taaagtcaat tgggtggcggg ggctctgcgg gccagacctc cacctttggg 83760
 ttggccaccc aggtgatggc tgcggccgcc acctgtcctc ctctcacctt ggggtggcaa 83820
 tagtatgcca ggaggagaac aataacaagg gccaggggcg taaacagagg caccctcacc 83880
 tgcttaaatg aaaccatggc aacaagttca aagcattcca acaggaagtc atttattaat 83940
 attccattag taaacggggc gtgatgcaag cggggtttcg atggaagagg gtaaaattat 84000
 ataagatctt catggataat gtctggtgtc cgggggataa tggagtcaac atccaggctt 84060
 ggacacatct gcttcatcag gatgcgtagc cgttcatttt ccgatgattt ggaggcggct 84120
 acctgtgtgg aaaaaaatgc atgtgttttag cttggaaatt tatgcacggg ggggagatat 84180
 ctgccacccg ctcatcacc acttgaacag tcttgtttca ttgtacctac ctcacggtag 84240
 tgctgcagaa gattcttgaa cctggctcgg cattttctgg aagccacccg gttcttgtaa 84300
 cgctttattt caagttcaga gccacactcg tccagctaca agcaaggagc acatttaca 84360
 atgtgtcctg cccagctgcc cctcaagccc agctgcccct caagcccagc tgcccctcaa 84420
 gccagctgc ccctcaagcc cagctgcccc tcaagcccag ctgcccctca agcccagttg 84480
 cccctcaagc ccagctgccc ctcaaggccc agctgcccct caaagcccag gctgcccctt 84540
 caaagcccag ctgccccttc aagcccagct gccccctac cgattctggc tgtggtgttt 84600
 tcctcggacg tcgtgccggt acaggcgccg tggcaggttg ttgggcatcc acctccacca 84660
 atggctggcc ttcattcagct tccgggcagg cacatgccgc ttctgctctc gttacagcag 84720
 tagaattgtc tccaggttgt ggtgcttctc cccgggcttg gtgaaactgt tgaatctggg 84780
 tcaagtctgg gacttgagc agctgaggtg ctgcatatgt cggataaaga ttctcaggat 84840
 tagtctgaaa agcaggaaac cactgcccag taggagcggc tgaaaggtga taagcagtgg 84900
 gctgctgaac atgtggcagt ggctccgaca gcaccggcca aagcacacaa ggagactag 84960
 tagtaggctg ttgcgatggc ccaccagggt cctgatagac tctagtagcc gtttcaaagg 85020
 cctgttgga cggcacctgg tatggtgcgt cagctgtata tttcacatct tcaggaggca 85080

agctgggggtc catcgcgaga ggcagagata ggaaagatga ccagcaagtt gcaatagtta 85140
 gctaccttttg tgacagctcc tcttttaaag ccaaggcacc agcctcccca gtgatgtcat 85200
 ggtttgggac gtgccaaaat taggtgtgac tagaaggaac attagcaatg cctgtggctc 85260
 atgcatagtt tctaaaagag gaggtagttt tcagaagttc ctaaaataag ctgggtgtcaa 85320
 aaatagacaa ccctgttgaa agatgcatgg catgtagcag acactcatca tttagaaatg 85380
 tatctaagat ttcattaagt tcgggggtca ggggggaatc caagttttaa tcctctgtca 85440
 tggctctctaa ggtggtggcc agttcgtcca attgaccaca agggggcgtg tggccaagag 85500
 ccatatgtcc acgttgtgca gccccttcct tctgggggaat ggcaagtgtc accatttccc 85560
 tcagggcctt cacggcctgg ctgggtctct cgtcgggata ctccacgccg gtcccggctt 85620
 ctggcgtctc caccgggcat ctggtcacac ggtcgggggc acgtgggggtg gcaggaggca 85680
 gccgcccgcc tcggaagctg gcaccggggc aaagggccag agaggcagac aggggctggt 85740
 tggcccacgg ggaccctggt ggatgaaagg gcctgattct ctttggtggtg cgtgtctctc 85800
 gtccatcggc catgtcaggc gtgacactgt ccgtttctgt gctaggtagg aacatacccc 85860
 cccggccatc ccagaggccc ttcttccttt taacgggagg aagaaagggtg ggcttcgaag 85920
 ggtgagggaa gatgggtctc tcatcagcct cgtgggtcaa catctcttct cgggccacgc 85980
 tggaactagg gtgagagagc cgcggggctt taccctgggg cctggatggc ctgcgggact 86040
 ttgccccccc caagcgaggc gcctccgtcc caacctctc ccggtcactc tggtcagtgt 86100
 cgctgttgcc agtgtcgtg ccaactggagc cgctgtctcc gtcggctcct ccagcttctg 86160
 gatcaagggg catgtctagg ccaggggggc tctcgagctc atccgtgaaa tcatgaaacg 86220
 gtccgctttc tgctggtag gcctcggagt gagaggcccc tgcacatcc ctaatgagct 86280
 cctcctccag tccctcggag ccagacacca gaatcggagt gtccaccgcc ttgggcttgg 86340
 ttgacagcag gcacgtgggc agcacggcgc tcacgtagct cctctgtccg gcatggctgg 86400
 agtaggaggc cctgggcagg gtcttgatca gggccctcac atccttcacg tcatccgtca 86460
 gctggccggt cttggatgag accattgtct ggaacatttc atcgagaact ggatatgtga 86520
 acaccactt gcaaaaggcc ttgaacttgg agcttaggag gccttccttc tccatcctca 86580
 tcatgtgttc aaccacctgc ctaccggagg ccatgatggc cgcccgtcc acgcctagca 86640
 ccttgctgta ggtgtaggca cgcacccgac agtgtttcag gagcttatac atggctgtgc 86700
 ctatgggtggc agggatcatc accctgttgc tgggggcctg gatgaaaaat ctgtctgtga 86760

gcacaatcag gtgatctagc acataccgca tcacaatggg gcacgcgatg gagcaagcat 86820
cgctaccggc attctcggcc cgtctctca cctgttgtt tcggaggatg gaccagaaat 86880
tgcagatggt gagcgtggcc atgagccgc cccattctcg cccgtgggccc ttggcatcat 86940
ttataaatgc cttgcatatt ttgtaggatc tcagagtaat ctccacgctc ccggctgtaa 87000
attccttgtt caggacgtta cagtagtcag aaatcagaga gaccagctgc ttttttatct 87060
cgggagtcag tttcaggaag tcttctaggc cgtccttttt aggcctcatg gctagtaaca 87120
gaggaaacat caggccgtta aaatccttcc tccacgagct ctacctgaag cactatccag 87180
aggtcggcga tgttgtacat cttctcaaca ccatcgggggt cgactgcgac ctcccaccag 87240
gccaccact gctcacggcc cacaggggggt tgtttttggc cagggtccta caggctgtgc 87300
agcagcacag actgctggaa gacgccatca tccccagat cctaaagaag ctggcatatt 87360
ttctggagct gctgagctac tactccccca aggatgagca gcgagccata gccgaagtcc 87420
tggaccacct caacatgagc cgggacatgg gactggatga caagctgtgg gccctgatca 87480
gaaccctgcg ccaggagagg caccacgctt ctgtgaatgt ggttctgcct gagagcgact 87540
acacggccct gtccctgcag tactacgagg gcatctctct gggcatgagg aaggctgttg 87600
cagatatctg ccgaagcggc tatgcctcca tgccctccat gacggccatt cacaacctct 87660
cacaccagtt gctaattggc tcaggctcca gcgaggaacc ctgtgcctgg cgcggtttct 87720
ttaaccaggt tgttctctgg acagtggcac tctccaagtt tcacagatgc ctgtactaca 87780
actacattca tggctccata gccacctct cccagctgct gcacctgaa atcaaggccc 87840
tctgtggctg gattatctcc caggagggga tgcgcatctt tcaccgcaac aggccgctcc 87900
tcacctctg ggagagtgtc gccgcccacc aggaggtcac agacgccatt cccctgcctg 87960
actgctctga atacatcgac ctctgaagc acaccaaaca cgtcctagag aattgcccc 88020
ccatgccata tccataataa agtctcttac cttctgtttg tctagtctgg tgttgtgtcc 88080
tcgatgggtat gctatgaaa aataggctgg ctgacatggg ctattgggct tttatgagcc 88140
attgtcaggg gcgggacaat cgcaatataa aaccagacc atcacatggg agctttaggg 88200
gactctgcat caacatcgct tcaggatgag tgggcaacag gaaggctcgg ttattttgggt 88260
tcctgaacat ctggcccggg aggtgtctca gctattgagc gattttatct ctgatcatga 88320
tgacgctctt actggcagaa atattgcagg caaaatccgg cgtgtgctgg gtcgggcctc 88380
tggggaccat aatctgcctc ttctctctc cctgtttgcc ttatggaatg ctctcccagg 88440
ctctattagg caagctgcca gggaaaggct gatattacca ggcgtgcagg ccctgaccac 88500

ggccatatggc ttgtgccggg gggtcattcc ggaagagaca tctcccagtg atacacccga 88560
 aacttttgctt caggctgttg tgacaggtct gcaaaaattg tggttggatt cctgcggctg 88620
 tccagagtgc cagcgggtg ttaggggctt aggggccctg actcccgggc tctttgaact 88680
 acctaagatc atccctcaca ctaagaaatg taatcctgtt aatcttctga acacactggc 88740
 acacaaagcc gtggctttgg gtggtcaggt gaaacatgat tatgaccac ggggcttaac 88800
 cccaggcttg gacgaaatcc ctgacctga tgactcggat ggtgtcctcg cagcacctt 88860
 actggcgcc ttgtttcacc tctctctgtt ttttattctc agagattatg taacaggaga 88920
 ctcccagcac ctgaagcagg cccttggtgg ccaatggcta gcagaaaccg gggacactct 88980
 accggtggac ccacaaacac ttagagacta cattgaacag taccgcaaag tggataatca 89040
 cttttatttc cccacgccgg ggcctttgaa ccctttccac tttcctgaaa ctctgctggg 89100
 gcgcattttg gtgaccgagc ccaacgtgtg tgccgcgaag cacgttgtcg cgttggttaa 89160
 acagggaggc gggggagggtg ttctctgacc gatgctaccg gcactgcccc aggtggcacc 89220
 cccggagacc gggcgcccat gctctcatgc aacgcgcagg ggaatggaga gctcacagcg 89280
 gaacttgggc ccgccactgg ggacttcccc agatgtttcc ccaatttgc ccgccgcttc 89340
 cccggcacc tccgagcccc aacgtcccg caagcctgga cttctgctgc ccacatcctt 89400
 ctcttgctcc gttgcccctg tagcatcgtt gctgggtgac tacgaggagg ctgcagtgga 89460
 gtctctggac tcccggctcc taccatccag cgatgggggg atggaggagt ttgaggcctg 89520
 gttggaggcc caagaggcta acttcgacga ggtgcagcgg gagttttctg ggttgccgggt 89580
 aaccggtgag gaggcagatg atggttccta cgatgagggt gaattttcag acttggatct 89640
 gtctgacagc gaccacgagg gggatgatga tgagggggat gccgatggg gtgggagctc 89700
 tcgctccctg tattccctga gcgccatcta ataaacatct ctaattgctc tgttctagt 89760
 tgaatcatgt ccgacggaag gggcccgggg aacggcctgg gatacacggg tccgggcctt 89820
 gaatccagac cagggtggtgc atcgggctcc ggcagtggcg gaaatcgagg acgaggggccc 89880
 catggccgtg gacgaggacg aggcagagga cgggggcgtg gaggtggagg agtactaggc 89940
 gaaactggag aatttggtgg ccacggttct gaatccgaga caagacatgg caatggccac 90000
 cgtgacaaaa aacgccggag ctgcgttggc tgcaaagggt gcactggagg aagcagtgcc 90060
 ggtggtgctg gagggaaactc aagaggaggt ggtggagcag gagtgggttc gggaagaggt 90120
 gcagggggaa gcggtggagc aggaggtggt gctggaggga gcctaggagg cgggtgcaggg 90180

gggagcagtg gaggcagcgg agcaggaggc agtggagcag gaggcagcgg agcaggaggc 90240
 agcggagcag gaggcagccg aggtagaggc cgccggcaggg gaggtagtgc agggggcaga 90300
 gggggaagag gaggagggcgg tggaggaggc agccgaggga gaggccgagg tagaggagga 90360
 ggcagtagag gtagaggccg tggtcgagga cgaggaaggg gcagagggga ggggcctagt 90420
 aaggggtgaaa aaagaccgag gagtcccagt ggacgttcat catcccagtc ttcatcacgt 90480
 agttcttcat caagtcgttc atcttccaat ggttctgact caagtgactt tccagggttt 90540
 ccagggcaca ggccacttcc aacttctttt cctggatccc cactaggtgg ttacagggga 90600
 actgatggaa ctgatgggtg tgatgaacaa cctcccgagg cggtaggagca gggcccggga 90660
 gaagaccggg gagaaggccc cagtcgcaa accacgacct ctggtggccg aggcagtgg 90720
 aaaaaggag ggtggtttgg gaggcgccgc ggcgaggggtg gcagaggttt caagaagttt 90780
 gaaaacatgg caaaaaatct caaggtgctt ctagccagat gtcaggctga gcggacgaac 90840
 acaaccgta actggccatt tggagttttt gtatatggcc ctaaaacttc ctgttacaac 90900
 ctgaggcgat gtattgcctg ttgtatacca gagtgcgcc ttacgcctct aggacggctg 90960
 ccatttggct atgcaccga gcctggccct caacctgggc ccatgagaga gtctacagat 91020
 tgctacttca tcgtattttt acaactatg atatttgccg aatgtgttaa ggatgccctt 91080
 cgagactaca ttatgaccaa gccacttccg acctcttctg ttcaggttac agttataaca 91140
 tttgaggacc ccgtgatgct tcctgtcttt tccctccac acctccagc tgcggcagtg 91200
 gcagcggagg gaggtgaggg tgccgagggg gatgacggag atgaaggagg tgagggaggt 91260
 gacggaaatg aaggagatga gggcgccggc gggcaggagt gatgtaactt attaggagac 91320
 gccctcaatc gtattaaaag ccatgtattc cccgcacta aagaataaac ccccttgcca 91380
 tcatgcgtgc tgttagtggg tttctgtccg tcttctcgc tgcattttt gtctcccca 91440
 cgtggggcaa ctgggcctac ccatgttgct atgtcactca gctccgcgt gaacacctcc 91500
 ttgcgctgga aaacatcagc gacatttacc tggtagcaa taagacctgt gatggcttca 91560
 gcctggcctc cttaaattca gcaaagaacg ggacaagtca gctggtcatt agccgctgtg 91620
 gaaacggact caacgtggtc tccttcttca tcgccgtcct gcagcgcagc agttccgccc 91680
 tcacagttca gctccgtgaa ttgttaaaca ccctcgagag tatctacgcc tccttctcgg 91740
 tcgaagacct gtttggggcc aacttaaaca gatacgcatg gcgtcacgcg ggctagacct 91800
 gtggctggag gaacatgtgt ggaagaggaa acaggagaat ggtgtcaaag gtgaaaatct 91860
 gtcctcccc gacctatggc ttgatttctt gcagctcagc cccatcttcc agcgcaagtt 91920

ggcagccgtc atcgcatgcg tccggcgccct gcggactcgg accatcatct acccagaaga 91980
 ggacatgtgc atggcctggg ctcgcttttg cgacccctcc gatattaagg tggttatttt 92040
 aggccaggac ccctaccacg gaggacaagc aaacggcctg gcattcagcg tagcatatgg 92100
 cttcccggtc cccccagcc tgaggaacat ttatgcgag ctgcaccgga gtctgccgga 92160
 gttctctccc ccgcatcacg gctgcctgga cgcgtgggccc tcccaggagg tattgctgct 92220
 caacaccatc ctactgtgc aaaagggcaa gcctgggtca cacgctgaca ttggctgggc 92280
 gtggtttact gaccacgtaa tctcattgct ctctgagcgg ttaaaagcgt gcgtgtttat 92340
 gctgtggggg gcgaaggcag gagataaagc ctactgatc aactccaaga agcatctggt 92400
 tctgacctcg cagcaccctt ctccctggc tcagaacagc acccgcaaga gcgcacagca 92460
 gaagtttggt ggcaacaacc actttgtcct cgccaacaac ttcttgccg agaagggctt 92520
 cgggtgagata gattggagac tgtagcggcg ccgggatggc catgtttcta aagtctcgcg 92580
 gtgggagggtc cagaagggcc cagcggctcc tatcagagga cgaggaggac acctccctgg 92640
 gcagcggcta caccctgggg tctcagacct ctcagtcaac ccaggatgaa gatgaggagg 92700
 aagacctgag cgagacagag gagtctgagt acacagacga tgatgaggag attgacttgg 92760
 aggatgaata ttccagcaac gaagaccagt cggagggcag tgacagcgac ccctcgtggc 92820
 gtccttcgga ttcagaagaa tccgactaca gtgagagcga cgaggaaggt gaaggggcct 92880
 ctgcctctca ggcttccctg tcttccaggg cctcgcaatc ctccaccaca cccacttcga 92940
 gcactacaac caccatcc ttttctcggc cagagccca ggtacctgct aggccaccac 93000
 cccccgtgct gtccagacag agaggaccgg cacctccaag gccaccggct ccggcccaga 93060
 ccaaacagcg acccccgga cctgcgaggc cgcccgcccc tgcgcctgtt aagcagcgtg 93120
 ctccgacccc tcctaaaccc ccgagactta cgtctaaagt cccaccccc cgccgcccc 93180
 ctccgccgtc ctgtcccaat agatacaaaa aacacatgat ggttaccacc cctccgatcc 93240
 agggcaacaa accctacaac tggccatggc tgtaataaaa cactcagatc caagagtctc 93300
 agtgtctgtg ctttattcag taaaccagga gtgcgctcga gttttttagg gcatccacga 93360
 tgtagccgct cgcggggttg ccctcgccgg tggctcatctc tgagaggggg ttctgtcca 93420
 tgaccacgca gttggagtgc ctggccctgg acagcgccac gtacacgtgg cccggtttaa 93480
 tgttctctgt gttgccgaag cagatggcga ccttggttcag ggacagcccc tgggccttgg 93540
 ctatggtcat ggccagcttg gagctgatgc catagtctcg gatgccgcag aggttttagag 93600

acttgctctc tattgtctcg tacagcttgt tagtgttgtg ttccaggcag cacacgaagc 93660
 cggcctcgtc cttcaccatc agcctgggca tgcgcgaccc gccgggctcc tggggctgct 93720
 gtcctccccg gaggccgaag aagacgttga ggtgcgtgta tcccaggagc gtgtagttct 93780
 cggtggtgga ggcatagtcc aggaggccgt ggagacgagg ctcatcggag gtgaattcga 93840
 tgttgctccg gatcagcatg ttgttggtga aggtgcaaaa tgggaggtcc ctgaactctc 93900
 gcccacgta gcggacggcc acgtccaggc attgcctgaa gtaagccttg aggtcattat 93960
 atatgtttta caggaggaga agggggggcg aatttgccgc agggggggcc agcacggagg 94020
 cgtagaaggc ggccggcggg ctccgctctc cgtcccaggc gacctccagc ggcagttcac 94080
 ccggctgcag ccccgcggtc acctctggct cccacgtgcg gcccggcagg ggcacggccc 94140
 cgagcgccgc cgcgtatccc tcgtttttac agagagaatg gccgccgtgg ctgaaggcgt 94200
 agaccccccc gtagatgagc cggggcagga agctgtagac gtactcgggc tgctcgtgcc 94260
 cgtgggcctc cacgaagctg tcggcctcga gcgtgtccat gaagtcgccg aaggtgccgg 94320
 tgtagccgca gacggacttc ttggtcttgc agttgacaga gacggagctg tgcttgacgt 94380
 aggtgacgtt gtaggtgacc ttgacctctt cctcgtcctg ctcggtcccc acggggacca 94440
 tgtcctggtc ggcgaactgc gagtagttgc cgaggcgccg gtagttcttc tggagccagg 94500
 tgtgggcccgt gaggcttggc aggccgacca gggctcttga ctgggcaagg ggctcgagga 94560
 acacctcgca ctccaccggg catgtgaaca tggtcacgcc gccgtcggcg cccccggtcc 94620
 ctccccggc gcgccctctc gtggcggtct tgagggtggc gtggagggtg gtgaggaagg 94680
 ttttgacttc tgcgtgggag aggaagagcc gcgtccagcc cacgtactgg gccgggtcca 94740
 tgatggccgc cctggggacc acgaagcggc cgacgtaggc caggatttcc ggcgagagct 94800
 cgaggccgta ctcgagggtc ttcattgagg gcccgaaactg gacgtcgggt cagcgcttgt 94860
 tgttgatgaa gagggcccag ttgcgggcca cgtccacgta ggccgaggcc cgggggttgc 94920
 ccaccaggaa ggtgaggatg ttgtcgact cgcggtatctt gttgacctg gtctcgtggc 94980
 tgaaggagga ctggaaggcg tctgtctggg tgggcgagcc cacgcagacg atgcagggga 95040
 cgtggccgct gcggtagagg ggggtgtgca gccaggcatt aaagaaccag tagcagaaga 95100
 ccacggcggt caggatgtgg acggagaggg tccggcctc gtccaccacg atcacgtttg 95160
 tgggtccagag ctgcccctgg tgcattgtcc gcaggccctc gaaggcggcg cccgagacgc 95220
 ccgagtagag ccccttgggc ttgggtccgc tgaactcggc ggcgatgtcg gagagcacgg 95280
 tccagtactt ggccagggtc ctgcgctgca gctcctccag ggaggcgtcc gttgagcggc 95340

catgactgct gacccgcggc gtcataattta tgtggcggct cttgaacccg aaggcgtgtg 95400
agacggtggg gcagtaggcg cggaggggtct gggagagatt ttgcgcggcc acggttgtgg 95460
ccccgttac caggcagtcc atcgtgtggt gaaggcagct cacgctggtg ctcttgccgg 95520
ccccgccgt ccccgtagcc acataagccg agaagggcag gaaggggggc tctgagagct 95580
ccgggtcaaa ctgcggggag aaggcctcca tatccgggag ctgtcgggtg cggcgcctgg 95640
ccagggtccc tatcctcttc actatccgcc tcacggaggc gtccgaggtc atgttcagca 95700
tgaacgtgga cgagagcgtc ccggacgctc tgggctcctc ggccatcccc gtgcacccca 95760
cgcccgctc ggtcaggctc tttgagatcc tgcagggcaa gtacgcctac gtccagggcc 95820
agaccatcta cgccaacctc cgtaacccgg gagtcttctc caggcagggtg tttacccatt 95880
tgtttaaacg agccatctct cattgcagct acgatgacgt gctacatgac tggaacaagt 95940
tcgaggcctg catccagaag cgatggccga ggcacgactc gtacgcgagc cggtttcgcg 96000
agtccacctt tgagtcgtgg tccacgacca tgaagctgac cgtgcgtgac ctgctgacca 96060
ccaacatcta ccgggtgcta cacagccgct ccacctctgtc ctacgagcgt tacgtggact 96120
ggatctgtgc caccggcatg gtgccggccg tcaagaagcc catcaccag gagctgcaca 96180
ccaggattaa gagcctgcgg gacgctgctg tctgccggga actgggacac gaaaggaccc 96240
tgaggaatat cgggacggaa ttatatgagg caacgaggga aataatagag tccctcaact 96300
cgacgtacat cccgcagttt acggagggtca ccgtcgagta cctgccccgg agcgacgagt 96360
acgtggccta ctacaggggg cgccgcatca ggctgcacgt gctgttcccc ccagccatct 96420
ttgccggagc agtgaccttc gacagcccg tgcagcgcct gtaccagaac atcttcatgt 96480
gctaccgcac gttggagcac gcgaagatgt gccagctcct gaacacagcg ccgctcaagg 96540
ccatcgtagg ccatgggggc agggacatgt acaaggacat cctggccac ctggagcaga 96600
actcccagcg caaggacccc aagaaggagc tgctgaacct cctggtcaag ctctcggaga 96660
acaagaccat cagtggggtc actgacgtgg tggaggagtt tatcacggac gcctccaaca 96720
acctggtgga ccgcaaccgg ctctttggcc agcccgggga gacggccgcg cagggcctga 96780
agaagaaggt ctccagcacg gtggtcaagt gcctcacgga ccagatcaac gagcagtttg 96840
accagattaa cggcctggag aaggagcggg agctctacct gaagaagatc cgctccatgg 96900
agtctcagct gcaggcttcc ctggtgggga cgggcgggca ggttgggcc gcttcagcct 96960
ctgccgcgtc agccgccgag actgcatccg cggatatact gacgggcagc acctcctccg 97020

cgatcgagaa gctgttcaac tccccgtccg cgagtctggg cgccagggtg tcggggcaga 97080
 acgaaagcgt cctcaacagt ttcgtttccc aatacatccc cccatctcgg gaaatgacta 97140
 aggacctgac ggacctgtgg gagagcgagc tctttaacac cttcaagttg acacccgtgg 97200
 tcgataatca ggggcagcgt ctctacgtca gatactcgtc agacacgac tctatattat 97260
 tgggtccctt cacctatcta gtggcagagc tttcaccggg ggaactcgt aacagatgtct 97320
 acgccacact gggcatcgtt gagatcatag acgagctcta ccggagcagt cgcctggcca 97380
 tctacatcga ggacctcggg cgaaaataact gccccgtgag ctcgaccgga ggagaggatg 97440
 gcgtccggcc acaaccaccc gcccggggag ctccggagcc tggccatgca aaaagtaagc 97500
 ctgcgcgtga ccccgcgctt ggtgctggaa gttaaccgcc acaacaccat ctgcgtggcc 97560
 accaacgtcc ccgagttcta caacgcccgg ggggacctca acatccgga cctccgctcc 97620
 cacgtgaagg cccggatgat ctggtcccag ttctgcggt acgtcctcgt gagtctgctg 97680
 gactcggagg atcaagtaga ccacctcaac atcttcccc acgtgttctc tgagaggatg 97740
 gtgctgtaca agccctccaa cgtgaacctg atggaaatgt gcgccctgct ctcgatgac 97800
 gagaacgcca ggagccctc gctcgaccta tgccgggagg tgctggggcg cctcacccta 97860
 ctgcactcca agtgcaacaa cctggactcg ctgtttctgt acaacggggc ccggacgctg 97920
 ctgtccaccc tgggtgaagta ccacgacctg gaggaggggg ccgccgacc cgggccgtgg 97980
 aacgagggcc tgagcctgtt taagttgcac aaggagctga ggcgagcccc ctcgagggcc 98040
 cgtgacctca tgcagagtct ctttttgacc tcggggaaga tggggcggtt ggccagctca 98100
 cccaaggatt actgcgaga tatgaataag gaagaagacg gcgcacgcg cttcacgttc 98160
 aacctgtttt atcaagattc tttattaacc aagcatttcc agtgccaaac cgtcctccag 98220
 aactgagac gcaagtgtct cgggagcgag gcggttgcaa agattattcc ctagaataaa 98280
 ctgagaaccg tcatcagtaa atccgtctct cgcgtgattt ccaggggcat ggcgtagccg 98340
 ggggtgcagg cgacagcac gtccaacaga aaggccataa tctcccgaat gtaggcgggtg 98400
 gggctgaggg cgtgctccgt ggccgtctgg cacggggccg ggcgcggccc gtcccgttcc 98460
 aggagacaca cgtggctccc cgagagccgc agccgtccgc tcctccgag gcgctgcagc 98520
 caggcacggg gaagcgccca gaaccggttt cggcgccgcc cgggggcccag tctctgggtc 98580
 agtccgcgga ccaaggtcag cagagactcc tgtgatggag gggcccacc cgactcgggt 98640
 ttcgtcgccg ccagccggtc cagggcccaa gcgaaggcct catgccagac cagaaagggg 98700
 ccagaattct ctccacgacc acccacgtag agatccccct gaaagatggc catcagcaga 98760

cagcctggtc cccgtgcctt cagcgcagtc ggggtggggcc gctggtctcc cgcccatccg 98820
 gccgccgcgt cctcgtcgac ccgcatctcg gcctcctccg catcttgac gcctttcagg 98880
 aatgcctaga gagtagacac gagggatgcc attagccgga ggtccacgc caccattcca 98940
 cccgttaacg ggaagaatgg cggcggggtg cctgcgccga gtcaccacc actccccgc 99000
 tactcaccgc cgccagggtc tcctccaaag gatgggcgga ggtcggcgcc acgaagccca 99060
 ggacaaactc gtcggcatag gcccagggtc gggccagggtc agaggccgcg cgcaggaggg 99120
 tccgcgtgac ggccgtgtag agggccccca gggcccgcg ggtgtcggcg gtgccgtagt 99180
 ggtggagggc ccgcagccag gtccgcacgt cccgcgcctg ccctccggcc tcaggcgtct 99240
 ccacaggggc tccagcgacc ggcagggtggc ggagggccag ctcgtagagc caccagggtg 99300
 cgtccgcctc caggagggcc gcggcctcgg cgcgcccgc caccgtctcg ggcttcttcc 99360
 ttccctcgcc gccttccccg acgcagacgt ggctgggggtt aatctcccgc ctggtcaggg 99420
 ccagacctgc tgcggaagcc gctctggctg tctgtcgcaa gcgtcggcg ccgggccgcg 99480
 cgttgaggcc caggagcgag tcggccaggg ggggtgccggc aacgcccag ttcagatcca 99540
 ggagcatgag gccctcgctc ctgggcgcca ggtgccaaaa tgccggccgc gcccttccca 99600
 cgtagcggat gggcagaaaag gggaagccgg gaacgtaggg ctggaagtcc gagcccccg 99660
 ggcagagatc ggggtccagg aggtagaaga cgggcttggg gccgcggtgc tctgcgtagc 99720
 acgaggcgta gatgctccgg aggaaggcgt agaggccgcc ccccgccagg cccagaggat 99780
 tgaccagcca ggactcgaag ccccgggcg gagtgaggat cttcaggctg acgcggtgct 99840
 ccgaggacgc ggacccatcg gaagaggcca gatccacctc gtagatggcg gggcgcagga 99900
 tgtctcgaa gggcaccggc gagggggtgt tcggggcctc ggtggaatag gtgaagacgt 99960
 cccgcgcgg cgtagcgatg tagacgtcca gctgatccgg cgcctctgcc ccccgggcg 100020
 aagagcgggc tccgggtcgc accccgcctc ccgcctcctc cgcacatct gtctcaaagc 100080
 ccctgagcc gctgggcggt ggttggtgct gacatcgccc atcttcccc ggggagcagc 100140
 cctgacaaac cacctgcgcc gggaagagg gctggaagat gaggccgtgt tcctcctcca 100200
 cccggacggt ggacaggagt ctgcgggtccc ggggttcgaaa agtcagggtca aaaagatcct 100260
 tctcggcggc gtccgcgagg ggggcaataa gcccccgct cctcctgagc tcccgttccc 100320
 agcgcagaaa gttcagctcc gtggcagtg gggcggtcac gcacgggggc tccatggagc 100380
 ctctagcgg gggctggcag gcctgcaccg cgatcagagt ctccacatcc tcccccgga 100440

cgggcacgat gccacaacc catatacccc accaccgccc tccgacctgg gtaacattat 100500
 aaaaggtaac cgagctgacc cgcgccctga cactctccac ggggtgttcc atctttcaca 100560
 gccgaggacg aggaccggcc tttttaaaca tccggtcaca ccctttgcaa attatttaaa 100620
 aggcgaatgc tcatcccga ccatcgcaat catgaagtcc tccaagaatg acacgttcgt 100680
 ctacaagata tgggtgaaaa cgctcgtggg gtactttgtg atgtttgtca tgtcggccgt 100740
 ggtccccatc accgccatgt tccccgacct ggggtacccc tgctacttca acgcgctggg 100800
 ggactatggg gccctgaacc tgaccagta caacacggcc caccacctca ccccatgct 100860
 ctatctggag cctccagaga tgtttgtcta catcacgtg gtcttcatcg tggactgcgt 100920
 ggctttcatc tactacgcct gtggggagggt ggcactgatc aaggcccgcc ggaaggctctc 100980
 gggctctcacg gacctgtcgg cctgggtctc ggccgtgggg tccccgaccg tgctgttctt 101040
 ggccatcctc aagctctggg ccatccagggt cttcatccag gtctgtcct acaagcacgt 101100
 ctctctctcg gccttcgtct actttctgca ctttctggcc tcggtcctgc atgcctgcgc 101160
 ctgcgtgacc cgcttctcgc cggctcgggt ggtcaaggct caggacaact ccatcccca 101220
 ggacaccttc ctgtggcagg tggcttttta cctgaagccg gtggtctcca acctttacct 101280
 gggctgcctg gcccttgaaa cgctgggtctt ctccctcagc gtgttcctgg ccctgggcaa 101340
 cagcttctac tttatgggtg gggacatggg gctgggggca gtcaacctgt tcctcatcct 101400
 gccatcttc tggtagctgt tgacggagggt gtggctggcc tccttcctga ggcacaactt 101460
 tggcttctac tgcggeatgt tcatcgctc catcatctc attctgcccc tggttaggta 101520
 cgaggcggtc ttcgtctcgg ccaagctgca caccacggtc gccatcaacg tggccatcat 101580
 ccccatcctg tgctcgggtg ccctgctcgt caggatatgt cggatcttca aaacctgcg 101640
 ccagggcact gactacgtcc ccatctccga gacgggtggag ctggagtgg agccaacgac 101700
 gaggcccaga acgaggctct cgtctttacg cgggtggcaac ggccgccgtt cgtccacctc 101760
 ctccagctcc tccaggctcat cgtccaagag acagaggacg gtctccgcc aagcccacgt 101820
 cccctccgtt ttacctatga catcagacag cgaggatgaa atctttccat aattcaataa 101880
 agtttgaaac tcaaagggtg cgttacgctc atgctttcgg ggtaacgagg ggaggcgga 101940
 attggagcag gggtggggaa atgacaatgg ggtccctagc acggaaattc agagttggga 102000
 aaaggcggcc aggtctggag ctgaagggtt tgggctccct atcagcggct ctgccctgcc 102060
 ccctggctag gggtccggg ctctggctag aggtctggc tccttgcta ggggtctgg 102120
 gctgtctccc ggctagggac tggaacttgc tgtcagtggg ttgttgtgtg ggggcaagca 102180

ccagtggcca acatactccg ggttccatgt gtgttccac tgccatccac ccagcctttt 102240
 ttgcagggcc taacatctcc cccctttatt aacacctccc gttttcccct ttcaccacag 102300
 gaaacaaaag tcagtttgat cgtttatttg gcagaaatgg cagttcatca ttctcagact 102360
 catcatcgtc tagccctcgc ttggtctccc cgccagccct cccttcctca actgccatca 102420
 gctgagcagt ctccatactg aaggcctcgt agtcttcata gaggttaatc atgcccccat 102480
 ccacgttggc tatggagttg actcgtcgcc ggcaaagaga ccagagggca cccatggcgc 102540
 ggtgtcaaaa gtgttgctcg cgtaggcttt ccaggagccg gccgcggcgt tcagggtctc 102600
 gcggatgaca gagtacaggc gcaccacggg agtcaccagc accgccacgg ggatctccac 102660
 agaggcgtcc agcagcaggt ccgagccgag cgtgcaggtc ggggggtcta ggggtgagcg 102720
 ctttcggaag aaggcagtta caatgttcac ccggggctgg cagtctctgt cagccgcgcc 102780
 tccccgcgtg tgccggacgt agtctccgac aatcttgtagc tggaggagca cctgatagaa 102840
 gtagttgtgc cgcggttgga tgaagatatt gacggggacc cggctctttaa taccaatgcg 102900
 cccagcattt tcgcttgggt ccgtcatgac gtagagcata gactccaccc ccctgttggc 102960
 agccagggca gccgccacct ggtcgtggcc gggccccagt ttgcgcttac ggacctcctt 103020
 gaggttccag gcttcatcct gcgtcagcag gtagtcgccc tccgagggca gccgccatc 103080
 cgggacatac tccacggtgg gccgggctat ggaattgatg aagcggataa atgacctctt 103140
 gcagggcctc tcatacagcg ccgtgtagga ggggtagatg ggggtcaaact cagacttgga 103200
 gaacaagtac ttgaagcggc actttatctc gtagatgcag ctccggtctg tgaacacgat 103260
 aaagtcccc cgtgactcca cgttgacgca cagggtccaga gacacaccaa aaatgccgtc 103320
 cgtcgggctt atcatgaatc caaactggcg gttggcgcc gcgtccccgc agatgagctt 103380
 acagacaatg tccttgaccg tgtcctcgca ccggaggcca aacgccacgg gcccccaaa 103440
 gtaatgattg gtggagatgg gagcgggctc aaacaccttg gtgggaccat tcttaatgg 103500
 ggagagcagc tttgatgagg aaattatgcc atttcgcaat atgtcccaca tcaggttctc 103560
 agactgcccc cgtgtcatgg actccacata agagcagagc accgtctttt gtcgtcagt 103620
 ggctcctgt agggcccgat agatggatat tagggaggga ctttcctggc tgtcattctc 103680
 ttggattaac gaggagacaa agtcacagaa gccagtttca ccagaaaact cctgtatttg 103740
 cttacagaga caatagagat agacgtagcg catggcgggc atctggggcg ggcggtcgag 103800
 gtctcgaca aagtcctcga tctccggact gcggaggaag cgggcgaagg ttaggaggt 103860

catttctctcc atgggggtcct cgagttcatc aacgtctgcc atcgggacca aagtactcgt 103920
 ctgccaagag ctccgccacc aaacctggga gaagaggggtg ctcaaaacgc gggcgacagt 103980
 tgaagaagtg gctctccttg aacctctttt taaggccacg gcaccactgc aagaattgac 104040
 tcatgtgctc ctccgtgaca tccacgcacg gactctcgcc gcaggaagtc aggcccat 104100
 ccaggttcag gttccacatc tgcgacagca cctccagcag caccaccttc ggggccgcaa 104160
 attgcaaaaa gtagagcggg tccgatcggg caaagcccat gtcgggggtg ggatagggaa 104220
 tcttggtgggt ggtgtcggcc agcttcatga cgccgtagag cagcgagtag ccgagcgact 104280
 gcagatccag tcgcagggcc gtctgcgccc ccacggggcc gcaagccgag gggtcagggg 104340
 ggtgccccgc cccctcagg atatagcact tgctcaagag gcagagggac ttgtaggtgt 104400
 ccttggtctat agaaaagggc tccctctggt agtaaaggcg atacagctgc cggcccttgg 104460
 cggacttttag cctcacgtcc aggatcttgt tgcggtcgtg gagggaggcc gtgccaaaat 104520
 ccgtcagcac cagcctcccc atgccccaca tgggtgggggt gaaatccacc aggatgttgc 104580
 tggggctgat gtctgagtgg aaaaggccgc agtgctggtt gagaaagtaa acggcgctct 104640
 tgaggccttg aaagccctgc accaggggct cgatgctgct gtcattccag tggctataat 104700
 cctggagact gcactgaac tggggcataa agagggcgctg acaggatgtg caggccgaca 104760
 ggtagtccac cagagccttg tctgcccac cctcggacgt ggcctttcca atctgaatca 104820
 tgtcacagac catcagctcg tggatatagct ctgtcacggc gtcatagagc ttgacggtgg 104880
 cgttctcccc gtacacatac acggccccgt agctcccccg gcccaacaga tactcgcagg 104940
 tgatggggag gtgggtcacag cgcgtcagct cctccggcag cttcacgtat agcgtctccg 105000
 tcatgtcatc aatgttggtc accttcagggt gcttgtgctg aaaggtgaag taatcaatga 105060
 cagtcacctt ccccaaaaag gcctggggct cccgaggggg ctctggggag aactcaact 105120
 ctccactgct caaggagtgc gtcggactcc tctccgcgtc catagtcaca tcgtccatgg 105180
 tctcaaagg gctcgagcgc ctggcgcagc tcgtctctgg cctcgagttc ctgctcacga 105240
 agtcctcta cccgttccag ctgctttag tttatcttgg ggaaatgggt cttgggttag 105300
 gtgactacct tctgttaggt ggaaatcagc tgcttgact caaacgtctc ctgcgcacgt 105360
 cgcagggctc ctaggggcac acgagcagat gaaaactgcg tttcaaagag agcgtgttca 105420
 ctcccaaadc tgtcacgtgc gtcaccgcc gctctctttt ctaccgaggc tctgagttgc 105480
 tgggccacca ggtctcgctt agcactactc atcttcataa gtcaccatgt ccgccactat 105540
 ggaaccaga tcataggtgg gatagaggac agtggttccg gtagcagctt cccggtaatt 105600

gccacggcg tccaccagat atctctcagc ctctcccggtt agaattaggc agggatcata 105660
 cgtgtccacc ggtcttttat actgagcggtt taggttttgc ttatgcagca gacacaggag 105720
 gcacactcga gtgatgcaaa cgggttcctg tggtagcagg ctgagctgtt ttgccatttt 105780
 attcaggcgg ctacagtcaa agggaggagc tatttcctcc ccctgccagt cacacacatc 105840
 cgcatagagg gcatacacac acctggtgag gtgtgccagg aaggcctcta tgttggtctcg 105900
 cggcgtgtag atcgcagtag gcagcagaat agggccctc ctgccccgcg ccgccgagta 105960
 gacgcagtgc cgctcctcgc agtgggccct gggaccgtag aagagtgtccc ataaccaggg 106020
 aagcgggtct tcaggcacca gagagggtcca ggtttgggag tgggccaata tttgcaaggc 106080
 ctgacctata acctcatctt tgttccagggt cagcgcaatt cgcatacagg ccccgctcgta 106140
 ggctcaaaa cacagaccgg agcccttctg cacctgaggc ggctctgcgg gtgttaacct 106200
 cccctgttca ccgaaccgcc attcttccgg taaacgaggg ttgaggggtg agagctccaa 106260
 ggccaggctc gagaagtcac agtcatcccc ggctgctga cacgggtccc gggcctcctg 106320
 ccagggcctg gtgtcctggg ggagtatatt ggtcaccaac agaaagctct tgagcggcgt 106380
 ctccaccagt ttgaattgct cgggtgtgtc ctgacaggcc tcaagggccca gttccagaca 106440
 ctgcccatac ctgcgggcga gcattgggtc atctggcata tcggccttga ccgcgttaaa 106500
 catgctgtac gcctcgcagc gtggccgggtt ggccgagaac ctcagaaatg cccttcagca 106560
 ggacagcgcc acccaaggct gtctcggcgc cgagaccca agtatcatgt gcacgggggc 106620
 caagtacagc aggtgggcgc atccccgtgt gggcaccatc cactccagta atttatattg 106680
 cccaatgctg agagcttact gccgccagta cggccccagg cccgtgtttg taggctctga 106740
 tgcaacatta cccatgttcg gacgagcca cggccctccc gccccggccc aggcgcagat 106800
 gtgcctcctg ccggagctcc gcgacacctt gcaactcctg ctgccccac ccagcctggc 106860
 agactccgag gccctgactg aattcaagac cagcgtgtcc tccaccgtg ccatcctcga 106920
 ggacccagc tttgtggaga tgaggaggtt tgtcaccagc ctggctggct ttctgggggg 106980
 acagtacaag cacaagccgg ccgcctaga agcattccag aaacaagtag tgttgcatc 107040
 attttatttt ctgatctcaa ttaaatcatt agagattaca gacaccatgt ttgacatctt 107100
 ccaaagtgt tttgggttg aggagatgac gctggagaag ctgcacattt tcaagcagaa 107160
 agccagcgtg tttctcattc cccggcgcca cggcaagacc tggatagtcg tggccatcat 107220
 cagcctcatc atctcaaacc tctccaacgt gcagataggc tacgtcgccc accagaaaca 107280

cgtcgcctcc gccgtcttca ctgaaatcat cgacaccctg gcaaagaact ttgatgccaa 107340
gcgcgtggaa gtcaacaagg agaccagcac catcaccttc aggcacagcg ggaaaatctc 107400
cagcaccgtc atgtgtgcc cctgcttcaa taagaatgta agacctgacg tttcagtact 107460
tggcagttgt agagcattac ccggctgtaa aagtcagaaa agcgtagcag ggtccagggc 107520
tgcggcgtgc acgggacctc tttcccatta gccagaactc cctgcagaac acgagacata 107580
tccgggtgca tttttggtgg gctgaatctc agtcccacta caaagggggc gtcctctggt 107640
ttaaacatga gcccaggag gccctgtgc ccagttaccg gcacataatc attgtttagg 107700
gcagagcagg gcagcagaca gggacagata ccggaggtgc cagggtctgc atctgccgtc 107760
cagccactca ggacgttcac atgccccccg gatccataac aagtcacaca gtccccattc 107820
tcacatcgcg tgagcaggtt gataaaatgg gtcagagatg ggaatgttgg catattgggg 107880
cagcacatta acatgtccat gttgatgaaa aacatgtaca gggccccttc tgcgtaccaa 107940
gccccgcctc gcccaagtgg agtaatctcc gaggggtgtga gatcttgacg ttcttctact 108000
gttttaacgg cggttgaagt ggcgaaaaca tgggaggtcg tcagctcctg ggagctcagt 108060
attgggttgc ccctaacctc cacaggcaca gcctcaccct ccgcatctga aaacacccca 108120
aagtacataa gagtcaggtt gtgtggcccc tggacggact tgggaagag aacctccggc 108180
ctggccacgg cggccagggc tccattgatg tacaccgtca catatgtggg cttcttcttc 108240
ggcttgagca cgatgagggc gacgttcacg tgggtccgcg gggctccggc tatcctgggc 108300
atgtacacgg ccgacacggc tgtagtggcc gtgtaaacct tcactctggt cgtggaggcg 108360
tcgctcgga cccataggca ttcccttgta aggaacttgc gcagcagctc ccgctcattg 108420
cctgcggcgg acgccatttc gggccagaac gtatcccctc tcctcggggg cgagttccaa 108480
ttggccttta ataacaaagc ccccgggcag caccaaaaac acctgtccgt ctgacgtggc 108540
ggccaggtgg acgcagtgcc cgtccgtacc aaggccact agcccggagg ccgcttcagc 108600
cagcccaccc ggggttccgg agtcgataac cttaccccag gccgaggccc cgtcctcgta 108660
cagcgggtgg ctatctaccc agaggcgagc tgacggcacc cccggggagc cggagatagc 108720
tttcacccaa caactttccc agctgaccocg tgtctcaata gtgaagaacg cttccctgag 108780
cagggttgat tttttataga tactggggta ggaggtggga ataacaactg ggattttctg 108840
tttggtgtc cagtcctgtg cagccagttt ttccctgagg ctggcagaaa ttctgagggc 108900
catagaaatg aggaagcgaa actccctctc aggagctccc aaaattgaaa ccttagcaag 108960
atgtgtggtc agcgaggtgt gggtgacagc tgtcatcctg tgcagtctgg cctgggcact 109020

cagatctgga tatgtgacaa catagagaga atgggggctg aaaatgtgca ccgtcccggtg 109080
 gaccagggcc ctggagcccc tgatggcccc cggggtcttt gagaaggta ggggtacccg 109140
 agggcgcgcc ccgtgggaga cctctgcccc gggagtcccc gcaccagccc cactgcccc 109200
 accagcgccc ctaatgttgc tagggttttc tagagcaggg tgatgttttg gcacagaggc 109260
 ctcgcccgct gccttggttt cggccccggc ccttagtctg agggccagac agagggtctg 109320
 actggcgggc gtccccaacc cgtgcccccc tctctccacc tctgcgta tttccaatag 109380
 aatgtgcttc aggtcgtagc tgggagggat ctcgcccccg gccgcgcccg ctgcagccgg 109440
 ctcttcctca gcgtggccct cggggtgggg aatagacagc gagggcgctc cccggacacc 109500
 ggaggcctcc ctgatcggac ggccgtcggt caggggccgt ttggccccct caaaaagaga 109560
 caggtagtag agctggagct cccccacgag tccaccactg tcgtgaaacc tgagggcggc 109620
 cacgtggaag ggattgtaga gctccggctc tccctcctcg cagtacacgg gcacgctggt 109680
 gaaggtgcct cgccggctag gccacccggg caggacgccg cgcgccgcaa acacgcgaca 109740
 ggcccccggt agaccagccc gatcgctgaa gagggtctga cagcagacca cctcgagtc 109800
 cggtagccga tcggggcaga gctccgccat gaccgtgtct ggcacaaaaa tgtggacgag 109860
 gagggggggt cccaggccgc tcagcacctg gttgtcaacg tggacatcca tagctctctc 109920
 atgcgcttg ctacagagtc gtagcgcttg tttcttgctg atttaaataa caggggccccg 109980
 tagacggtct tttgtgagta aatggagatg atgacatgga ttagagaggc gaggaccaca 110040
 tccaccgcct tatcggagta ggccccctga aacagtgaca ggcaacaggg aaacacgaag 110100
 gagactaagg ccgggatgtg gggcctcagg gctccgtcct gatcaaagat ggccctcgctg 110160
 acccccggga taacattctc gttcaaaaag tagtgataga ggtggttgac aacggtccgg 110220
 accaggccct ggacctggtc cggctccac ttttcccttt gctcctgctg gtcttggcgg 110280
 atctctgtcc agggcctcag cgccggttg agatggggcc ccatgcagtt gcccgtagg 110340
 gcacacacca cccctcggtg ggtctcgatg aggggtgact cgggggagcc atcgagacg 110400
 tgatactctc cgagacccca gcaggcaaac acggaggcca tgctctcagg taacgggaaa 110460
 tgagactcca gcttactgta cgagcatagg tggcgagaat tggggccagt gggagcacc 110520
 tcgccgtcgg gggagctggc cccccggcct ctaccgctc cccgcgccct gccgctcact 110580
 cggccatggt ctgacattcc accccggcca ggtccaggag ggtgcagatg ttctccaggc 110640
 gctgcacctc ggagacctcc tgttcaaaga ggctgcccac cgcagagtag aactcgcca 110700

cgggtccgggt caggtcggtg ggggtcccagc tcagcagctc cgcaaactcc cgctccccga 110760
 tagtaactcg cttctttctcc ttctgtgttt cagagcatcc ggggccagac attccacctg 110820
 ctgtttgtgg acgaggccaa ctttatcaag aaggaggccc tgccggctat cctgggcttt 110880
 atgcttcaga aggacgcaa gattatcttc atctcgtccg tcaattcggc cgatcaggcc 110940
 accagcttcc ttataagct gaaggacgag caggagcggc tgctgaacgt ggtaagttat 111000
 gtgtgtcagg agcatcgga agattttgac atgcaggaca gcatggcttc gtgcccctgc 111060
 tttcgctcc acatcccgtc ttacatcacc atggatagca acatccgagc gaccaccaac 111120
 ctctttctgg acggggcctt tagcacggag ctgatgggag acacctctc cctgagtcac 111180
 gggagcctga gccgcaccgt gcgagacgac gccctcaatc agctggagct ctgccgggtc 111240
 gacacctca acccccaggt ggccgggagg ctggcctcct ccctctacgt gtacgtggac 111300
 ccggcctaca ccaacaacac ctccgcctcc ggcaccggca ttgccgccgt gactcacgac 111360
 agaactgccc cggatagggt cattgtcctg ggcctggagc actttttcct caaggacctg 111420
 acgggggagc ccgcccctca gatcgccacc tgcgccgtgg ccctcatctc ctccatcgcc 111480
 acgctgcacc cccacctgga ggatgtgaag atagcagtgg agggcaacag cagtcaggac 111540
 tcagccgtgg ccattgcctc catcatcgga gagtcctgcc ccctgcctg cgccttcgtg 111600
 cacaccaagg acaagacatc cagcctgcag tggcccatgt acctcctgac caacgaaaag 111660
 gccaaggcct ttgagaggct catctatgcc gtcaacaccg ccagcctctc ggccagccag 111720
 gtcaccgtgt ccaacaccat ccagctctcc ttcgaccca tcctatacct catctctcag 111780
 atccgggcca tcaagccaat cccctgcgc gacgggagct acacctacac gggcaagcag 111840
 cgcaacctat ccgacgacgt gctgggtggc cttgtcatgg ccattttct cgcaacaaca 111900
 cagagacact cgttcaagaa agttaattaa aatttattga tcacacaaat cccttgtaaa 111960
 gagacggatc acacaaatcc cttgtaaaga gacgggtccc tcggggcagt gctggtgagc 112020
 agggcttcgt tcagggacgc gttcttggtg gccatcatta taccggccgc aaagatcaga 112080
 atcagcatca gaaaagtga gcccacaaac accagggtcc agagaggag accagtcagc 112140
 gaagacggct gtttctcgtc aggtgggggtg ggcagctcag cgggtggtttc ttcggtggcg 112200
 tttgcagtga cattgcttgg ctccgggggtg gaggtgggtgc tgggtgggtgc ctccgtgctg 112260
 acattggagg tagcgttggc ggcattgtgt gtggcattgg tgggtgctgt ggccctgggt 112320
 gtattgttgg acagggtggc ggccctgggtg gttgcagttg ttgatattgt ggtagcatta 112380
 gaggtggcat tggttccagt agtggggggc tgggttgatg ccccctaga tgtattggcg 112440

ctggtctgtg cagtggcatt ggttgtactt tccccggttg ttggtgtggt tccattagaa 112500
 gttgtggacg ccgcaggggc tgccgtgcct gtggatgtca ccagtgttgt gtttgcgccc 112560
 cctccggccg tgggtggtcac tgggcttgtg gtcgttgtct gggttgctgt ctggtttgtg 112620
 actgccactg cagatgatgt gcctgtggca tttgcaggcg ctggtgtaga cgaggccat 112680
 gccaggctgg tctcacagat gagcatcaca gccagaacgg ctctgcttt gcctccggtg 112740
 attgccatcg tgtctgtcag cagaaggcca cggggcccct tttatagccc ttgtccacgc 112800
 ccccgggtgtg cgctactgaa caaccacata catcacctcc tccaagtatg caggaaatga 112860
 gcggtccgag agccggtcaa tgtgacattg ctttggtgtg gtgcgcttg tgtccctctg 112920
 ctgcatctta actttaccgg ccggggccaa tgtcccgggtg cagttagtcc cagttgagct 112980
 gccgccactt agaacatctc ggaagtgttg ctttggaatt gagccaaagt ctgggctcgt 113040
 cctatcgaag agataatacg tctcgtagtg gcagtgggtga tgcagcacca tggcggcgcc 113100
 ggccagcgcc ctctgcatgt cctggacaag gcgcggttcc acccggtgtg cggcacgggt 113160
 aatgttgaat gtccttttcc tgtttgtctc tgcctggagg ttggagcacc cggcctcgaa 113220
 aagcgtggca acatgcaggg cggtgcctc aaatctcca cggcccccga ggctatccgt 113280
 gttgttgggg aaataagtaa ccccgttgat gaccacggcc gggatgagag tgtagacttc 113340
 gcagaaggga ttggccggac acccataaga caggggcacg ccaaacttgt ggcccttttc 113400
 ctgtagcacc ttggcccca ccgggacaaa agtgggaagg aaaaggggt tgaagccgaa 113460
 gctgatcagc cccagtagcg tcaagtagcc caagtagtag atgaacacga agctcatcat 113520
 aaaccagcgc ggtggctcgg tcagggtctc ggcgtctcca tcacacacgt cttctttgaa 113580
 tctcatcttc ccaccgcttg tcacctcgt cttcatccag gagggggcca tggccgcat 113640
 tctaccagtt aacgaggaga gagagaggaa gtccgcggaa gttggcgctc catgctgacc 113700
 ctcgggagag gccgggtcgc cagtctctcc gtcgcctgcc ccggcgctgg atgttgtctc 113760
 gccccgctg cgctgatggt cgacgagagg tggctcgggc ccgggcccgg cctccggccc 113820
 ggggacggcg gcggcagccg ggacggtgaa gtcgtggaag gtagcgccc gtcccgtccg 113880
 gggctgcggg gtcggagact tgtaaaacac ttccaccctc tccccgctgg ccaggacggc 113940
 ccgctcgtgg actacgccgt cttcctccc ggtgatggta tggctgacga tgccgcactc 114000
 caccgccacc tcctcctcgg ccatggcccc cttctatctt aaccagcagg tggccgtcag 114060
 ggtctcttga gagtatgtg ccgtggccag gcggggaccc aaattaaata gtgacgctaa 114120

agactgtagg taggtcatca taacacgcat gcgtgataaa tcatccgcca cagacagggc 114180
 atccaggtct atccgggcaa tctcatccgg caccatgtcc tggaagagat tcaaaggtc 114240
 gtggtgttca tgtcggatga ggctccggac caggcgcatt ctggccctgg gcagcagggc 114300
 caccatgatg caaaagtaga ggctcaggtt gtccagcagg gccagcccca gggggcccgg 114360
 cacctcaggg agggccagct cgtagtgggtg cccagatag gaaacagagc caagatgcat 114420
 gcgcacctca agcatatccg catccccagg cgctgcatt accaccctgg agtagacgtt 114480
 aaacaggaga atcttctgta ggacctctc cgcatggggc gtgggcagca ccatggggaa 114540
 aacaatgtcc acgtcattgg actctagctt aatgggtggc tgctctctgc caaataccgg 114600
 gggcatgacg cttaggctcc cggctccgtg ccactggaag aagggtgtgt atttgttctt 114660
 gatggcgtag gtctggcccg ggacaatctt ggtcagcatt aggctgtcca cgctcattc 114720
 gtccagcacg gccagggtgc aatcggacag gtagttgtac atggacacgt agtccggcac 114780
 ggtctccaga gagtatacct gaccagacc caggccctgc acgttctgcg ttccgtgcgt 114840
 ggatgccagg ggcagaacgc agcctatctt ctgctgcagc ttggctatct catcgggtata 114900
 gagacgagag gacagagaca ctaccacttt caaatccatt ttattgaca attatcaaaa 114960
 aaccacctta ttccaaaact ttaatatctt tcgcaccggc gccacctctt caattatata 115020
 gtgtccgtaa tggatggggg cgtgtgtctg tttgaccgac ataaactcat cgatgagtgc 115080
 cctggaggag gcagagaggg cggggaacgc ctctggagg aagctgcatg gctgctccag 115140
 gaacacgtca gtgcctgcaa tcaccacaaa ctgcacctc gtgttgctgg tggccgggtg 115200
 cccaccagg cgctggctgt actcattgac catgttatag agggccctgt tgttgccgag 115260
 cagctctctc ttgttgaaaa acgcccggca gggactgtaa aggcctggga cagccgtctg 115320
 gcggtaggag gaggttgaca tgatgtcacc caggagacc agctgagagg ccagggatt 115380
 caccgtgcta cggtaactgt aggcggcatt cgggcgggag tggcataga taagcccctc 115440
 ggcggcctcc tggttgtagt tctcgcagga aactacacag gcagcgcgtc ccctcgggga 115500
 gttggacttt tgaaaatagg ccacgtccgc cgtcaccggg gtaactataa tctcacaggt 115560
 ggcttgctgc ccatgacaga gtctggagc tccattgaca tttgtcatgc cagccaggta 115620
 cgtctggggg tcccggagca gcgtgccatt gcgtgagct cccaccttag ccttaatgta 115680
 gtcgttgacc tgctgattgg caaatgcctc ggccgggaag acgctgaaga agtcctgcgt 115740
 gtggatgcc atgtcagtag tgatggccgc caccggggc ggggtcatgg tggagctgta 115800
 gctgagaccg gtgtcgatgg aggccattct gtgatgcacc tcaaaggtga cagcgtccac 115860

cctggcctcc cggcggctga cattgggggt cccgataaac atggaggtgg aggccctgga 115920
 gctgaacagg atgttctccg agaggatctc gtccgtcctg accaccgtca tggccacccc 115980
 ggggtgaatc ttgagcttgg cctgggcat ataggccatg ggggacatct tgatgtgcat 116040
 ggcagtcatt ccactgattg aaacgagggg aggaagacat tcagccgcgt attttgccat 116100
 gggagagcgg tgccactccc ggtactcagc aaagagctcc tccggccggt taaaggcctc 116160
 cacggccccg tgctggggat ggcgcatgac aaatgtggcg acgtcctggt gcatggtggc 116220
 ggccacccga ggggtccccg aaaacaagtg gaaggggaca gcgtggaaga gacactgggt 116280
 gacggccctg gtccgctcag agaaggcaaa tcccaccagc ccattcacca ggacagtctg 116340
 ctccgtccgc ttgtcggcgg gattcggggc cagctgctgg gtaatgtcgt tgtccacaga 116400
 cacgcgacc gcacgggtga atgtggggca ggtcaggaag gaggcacaga ggtccctgat 116460
 catgcccacg gtggggcgga gatcggagat ctcaaggagg tccctgagcg tgccattctc 116520
 caggttatcg aggatatcct cgtccctggc aaagtgggtg ctgaaaaccg gcccatgtga 116580
 ggccagcgtc tgggccacgt tctgaaagtc ccccccagg ccgcacatgt gggcggttgg 116640
 gcaggccggt aggaagacgt agtaaaagat cttctccagg acgtccgcgt gcccctcatc 116700
 cacgtagggg ccaaggtgca gcctgaaatc atggtcgtgg tctccgttaa cgcggtaac 116760
 atacatggcc acaaaactgg cggccatctc gtccagattt cccacgttct caataaactg 116820
 ggctgtggcc aagggatccg catagacctc attcccaatg aatatctggg gggcccggtc 116880
 gctgacgtta aggagatggg tgaagatgtc agtgtaggac acggggggga gcaggtagg 116940
 gtccaagagc gcgcaaactg actgacctac gctctcgtcc tccaccacat ccggccccgg 117000
 caggcgagc agtgctgct ccagggtat cagttcccca taaattttcc gatacatgga 117060
 ataggcctcc ttggtgatgg cattgttgcc catgtgacgg cagatgaact tgatcatgga 117120
 gaagctgttc acaaaagcca gccgccccgc ccgctccag taggtgttga tgcacagggc 117180
 caccagaggt acattcataa caaacttctc ctccaatccg tgaatcatgg actcgactac 117240
 ataaaagaag gctggataag cagtgtcata ggcagtgtcc tgcaccgtgt caatcacagc 117300
 ctggtccacc acatgtgcca gagagggtgg agtctcaaac tgctgcccc gggcttccctg 117360
 gaaagcggcc gggggcaggg gggtcggcag gttccccacc atcagtcggt gcacggcccc 117420
 gtgccgcgcc ctttcccccg catccctgcc aatgtagata tcaaacagtg gatgcagctc 117480
 caagcgagc aggtcataat tggacgggtg gaggaatcc tcggtgggca ttccgcactt 117540

gagggcaata tccgtgacgg gggctgcata cttgttgtca tagaactcat ccacaaccac 117600
cagcagattc atatgatttg gcctcctgga ggccagggaa taggtctcac gcctctccct 117660
cggggcctgg gccgcattca ggctgttcag ggtatgggccc ggctgtgga gtcgggggtg 117720
acagagaacc ttgagggcat tctgtaagtt aaacgccagg agaaggttgt tcttggtcac 117780
gatccaggcc tccaccggtg gctgctgcgt gggattctcc agcattttga tggcagccga 117840
ggttgtgtac ttgggatttg gcataaacag gcctactggg aaatagtagc tgtattgcat 117900
tctcctgttt agcgggtagg gggactgagt gtcattatac atcttctgca ggctctccac 117960
ggccaccgcg ttgctcccca acttgatgac agcggctgag atgggcaccc gaggtggtc 118020
atcgaccccc gcggccacgg ccggcaggtc cgcctgcgca ctaccggcct tctccggcga 118080
gtccacgata ctgccatga aattctcaaa ggtgcgcata acacggccgt agctcacggc 118140
cgtgaccaga ttctccccc gaaccacaaa ggaggcgtag ctggagggcc ccatgatctg 118200
gttgtcagcc tcttcacca ggaaggtcag gagctggcgc agaacgttat ctgtgactat 118260
gaacactccc ccaacagggt ctccccctt ggcggtggta taggtgctaa ccccttgag 118320
cacattctcc ccggacacgg cagcgaccat ctccggagagg cggctgcgca cgtactgggg 118380
gccagagccc atgttctcgg cccggtccag gaagaaggag tgctccagca aatggcgctt 118440
gaacatggca atcaggtcag acttgacagt cttggagagc cccctctcag tgaagggtggg 118500
atcagccaag gtctgcagga taaacatggg cggagcatgg cgcagcttca cgctcaggac 118560
cgtgttgatg agggccctct ccagggcgtc gaccccaaac tggagggcag aggccacggg 118620
cttgacggcc ccacgtact cggcgtaact gaccggggtc tcggggatgc tgtgcagaat 118680
ctccagatcc agcatggaga gctcaatttc cgtactgatg tgatgtttgt ggcaattctt 118740
gaccacgatg aagggtccgt gcttgctggg tctccggccg tctccatgag caatgggtggg 118800
gacggaaatg cgaaattgaa tcttgccatc cgtcatgcga ctcaggctct tgaattccgt 118860
gtttacgcag gacacggcca gagccgtctc caggaatcga acgtactgga tggcgttggg 118920
gtagacccc agcagcacct cgaacttgat gcccgcctcc ctggcatcct tgcccacaag 118980
cagatcgaag ctatgaaaca gcccctccgc cgggactgc ctcaggttcg agagcagggt 119040
ggcgctccacc gtcaagtagg ggaagggtct gttctccaca cctcgtttg aggccatgtc 119100
tcacggtaag gaggagctgg ggggaggaag cgtcaccggg cttaagggtc tctcttcaca 119160
gctgggtctg ttttacgcac tggcctgcaa ccgcagccca cctccggcgc tccccgagga 119220
ggccgcctc ctgatcaagt ggctggactc ggctctgggc agagaggcca ccttttacgc 119280

gtgtcgggct atgcggcggc ttttgctcgg cgttatccga atgaatgacg gccgggagcc 119340
gccacccggt ttaataattc tgagtcccg caccggccct ggccccctgg gagtccagag 119400
cctggagcac acggacgccg aagtgtggta cgctggcccc tctggctccc ccggggccct 119460
cccggcggcg cccaggggtca tcacgtacgg cggctgcccc gactccgtca acacgagctt 119520
ccatgtttcg cctgatcatc cggtagctgt cacaccacca gttcgagcgc tgctacgagc 119580
agttctgccc cgtaggtccca cgtcggttta ctaggcacct gcggtcgcaa ttttgccggg 119640
atgctggctc atctgaagcg ggtgaccaag atccccccct atccctcctt cgtcggggcg 119700
gaagacagag tcaactttca cctcttctcc tggagcacgt tcatactgtc ctggcccaac 119760
aacgccaccc tccgggagat caggacaagg gccatcacca acctcacccg ccaccccgcc 119820
ctcgtggatg cctgtacca cgcagcccc cagacccct tccacacca cagcggcgcc 119880
ctctgccgct tcgtcacctg ctgcaactgc accctgcccc acatctcaat ccggcagcgc 119940
aaggcggggg accggccaga ggacctggag atcattctac aggataacag cgggggaagg 120000
ccagcgagct ttcagttccc attctcccc cgtggcgccc tcttgcggtc agtggttgga 120060
gcggcgctgc tgccggaggt ctcggtgggg ggtcaggaga cgctcggag acacatcttg 120120
ggcacggagg cccaggccgc acccgcgcc agtccgggca cagacccgc gcggagactg 120180
gtggcgctgc tgcgccggga agacggagcc cccaaggatc cccccctggg accgtacgga 120240
cgcccgctgtg cccacaccac cgaggagagc gaggacgagg acggccccct tcccgacgcc 120300
ccgtcgcccc cgtcaacgc cggctttcag gcctgccggt cgggtgcctgt ggggcccggg 120360
tttctgtctg tcgtgttcaa caccaaccgg gtaatcaaca ccaagctggg gtgctcggag 120420
cccctggtca agatgcgggt ctgcaacatc ccccggtca tcaacaactt tgtggccgc 120480
aagtacgtgg tgaaggagac ggcgttcacc gtcagtctgt tcttcaccga cggggtgggg 120540
gccaacctgg ccatcaacgt caacataagc ggcacctatc tgagctttct attggccatg 120600
acgtcgctgc gctgcttctt gcccgaggag gctatttatc ccgcccggt gtcgaactgg 120660
aactcgacgc tggatctcca cgggctggaa aaccagagcc tggtcagaga gaacaggagc 120720
ggggtcttct ggaccaccaa cttccccctg gtcgtgtcct gccaggacgg cctgaacgtg 120780
tcttggttca aggcagccac cgccaccatc tcgcggtgc acgggaggac gctggagcag 120840
cacctgatcc gggagatcac cccatcgtg acgcatcgag acgcgaaaat ctcccgatc 120900
aaaaaccggc tctttaccct gtcgagctc cgcaaccgga gtcagatcca ggtgccgcac 120960

aagcgcttcc tggagggcct gctggactgc gcctccctcc tgcgcctcga ccccggtgc 121020
atcaaccgga tcgcctccga cggcctcttt gattttctcca agaggacat cgccactcc 121080
aagaaccgtc acgagtgcgc gctgctgggc cacaggttat cggctaactg gaccaagctg 121140
gtggtgaacg agcgcaagac ccgcctggac atactgggccc gtaatgctaa ctttttaacg 121200
aggtgcaagc atcagggcga tcgacgacag ccacccatct tcctgcccct cctgagacac 121260
atcagccggc gtctgggcct gggccgcgcg cccctgaaac gagaaatcaa ccagctcctg 121320
gcccgaactgc aaagaaagaa agccccgacc cgccatcgga atgctcaagt gtaagcagcc 121380
gggcgccccg ttcgttcacg gggccgtgca cctgccctct ggacagattg tgttccacac 121440
catccacagc cccaccctgg cctcagcgct gggcctcagt ggtgaaaacg tgcctatccc 121500
agccctatct cgcgctcgg gcctcaactg cggggagagt ctgccatga ccaacatcag 121560
ggccccgatc atctcgtggt ctgctctcat cctggctccc aatccctata ttttgagggg 121620
gcagctgacg gtgggcatga cgcaggacaa cggcatcccc gtgctctttt cccagcctat 121680
catcgagggtg aaaagtgggc ctgagtctca cattaagacc ccctcacagc tcgtcatcgc 121740
ggaagactcc tgcctggacc agatcgcgcc cttctccgcc tcagagcatc cagccttctc 121800
catggtcgag tcagtgaaac gtgtccgggt cgatgagggg gccaacaccc gccgtaccat 121860
ccgggaactg ctggaaattc ccgtgaccgt gctctcttct ctcaatctgt cccccaccaa 121920
gtccatcttg aagaagccgc ctgagccaca gccggagcct cagccctcct tcgatccagc 121980
cccctacgct cgcgtcttct acgacatcgg gcgtcaggtc cccaagctgg gcaacgcccc 122040
agcctcccag gtcagcaacg tgctcatcgc caatcgctcc cacaactccc tgaggctggt 122100
ccccgacaca aacctccttc cccttcagca cctgtttctc aagcacgtgg tgctcaaaag 122160
cctgaatctg gagaacatag tggaggactt tgaagccatc ttcacctccc aggacgacaa 122220
ggtgagcgag gcggagaccg gggccttcgt gaagctggtg gagacggcca agaccacat 122280
agagaacata gtcttctgcc tcaacagcat ctgctctgcc tcctcactcc cagacgtagt 122340
ccccgatgtc aataacccaa acatcagcct ggctctggag aagtactttc tcatgtttcc 122400
tcctccggc accatcatga gaaacgtcag atttgccacc cccatcgtct ggctcttggt 122460
ccagggggcc gagctcagca ccatggctca attccttggg aagtacatca aaatcaagaa 122520
ggagaccgga atgtacacac tggtaagct ttattacctg ctgcgcatct agaagaagta 122580
catgacaatt ttgtgaacca gaaagatccc cagggcaaag gcaataaagt acaggatgac 122640
agccaaaatt acgtgtgctc tttcttcgta gaggccagca atctccacta ccgtcccatt 122700

ggtagtcagg agcagatagt ggacgtggag gttgttaaaa tcaaaatagt tggaggtaaa 122760
 gatggagttc tgtacttcct gggaggtaat gtaggtcata gtctgcagcc cctccttctc 122820
 atcgtaactg agcaagggca aaagccgcaa gaagacacac tccttctgcg ttctggtgaa 122880
 gttatggatc ttggggatct ggcggggctc cccggcgaca gagtctcgcg aacatttatt 122940
 cattataacg ggaagagaa agagagagct gctgagatag gtcgtgctgg cttcgtacag 123000
 tgccgagcct cgcacctccc gggtgctgga gacaatgaac gtcacgttga taaggggaat 123060
 gatcatgagg accttgctga gcctgtccac gcagcgggag gcggggaggt gccacacatc 123120
 cctgtcctcc ctctccagag agagggcgccc aaggaacccg tccacggcct tggaaacaga 123180
 cgccgggtcc agggacgcgt cctgcggggc catgtttagc agcttttctc gcgtaaggctc 123240
 aaatcgcagg ctccaggtagc acggcgagaa gaggccgctc tccgtcccca gggccagccc 123300
 ctccaagacc tccccaatct cgagggccga gcacagggcg gtggacagca gctggtacag 123360
 ggcgaggttg ggccctgcg tggtcacgtt cagcctcagc tcccgtagca ccacgtggct 123420
 gccgatgaac agggctctccc tcatcacggt gtgcagctgc tggagagagg ggtgacgggt 123480
 gtaggccgcg aggaggaccg aggcggcgcc cccgacactg ccgctgtagt ccccgccctt 123540
 ggggtagccg acggtgagca gtctcagcgc gtattcctgg ttctctgtcg tcagggtgcc 123600
 cagctcctcc atcctaacgg tggtcacag catggcggcc agacgtcca acccgtagga 123660
 cctcatgccc ttgacggtgg ccccgtagca cgtgccgagg atgtcttcca ggacaacaag 123720
 ctcaaagaag ctcttgcca gccagcggag gtccacgcag ccgtcgccgg tctcgctcac 123780
 ggcgtgtccc accttaaaga aggccataga ggactcaaac agggtagtca gcgtctccgt 123840
 gtccagctcg ggctcccac agccaccctt catctccaac agaaccagct tctggagaac 123900
 gtagcgtgcg tagctggctg ccgtcatggt gacggctctg gaaaacatct ccttcacgtt 123960
 gggcacaaag tagttgtgaa agttggcata gtggacaaac gtggtgacta tgaccagaga 124020
 gtagtctccg ctctggacgc tggtagagaga cgggtaactg aacgggtccc tcagctccgg 124080
 caggctcctc gtcttgccaa agagcaggct cagcacgtgc tcctctccct tctccgtcac 124140
 ccgctttagt gtgcccagga gaaaattgcg cgtcatggcc ccagtgtact gaaacttggt 124200
 gccgttgatg gacagggcca cgtaagccag atgacagcgc agctggtaga agacgtggct 124260
 gtgcggtggc gcgtttggca gcatggcccc aatgtagtag aagagctgat tcgcaagggg 124320
 ggcgctgagc aggcaggtgg gtgtattcag tccactcacg atgccgggct tcaccttga 124380

agcgtccacc ttctttgcct catccggaac ggccgggaca tcaacaggct cttccagggc 124440
 caggccaatg gtgctgggtg tcttgtagat taattttagat cggtttatca tagctgccaa 124500
 atcttcagta acattagcct ccgcccagag tgcctccggg ctcaagcccg gcacctttgc 124560
 catcagggtca tgccatggga tggatatactg ggaagtgtgc ccctctatgt ccagatgcaa 124620
 cttgacctcg ctgaggctag ccaacccccct ctcacacagc aacagcaggc acaaaacgca 124680
 gagcagcttc atcctagtca cgactgcccc tctcaaagtc agagatgaat ttgctaaagc 124740
 ccgccaatc aataaaactga gatcgaatag ccgggttctt caatgcctgc atataaatct 124800
 ccgtccagca cccagggaga tcgtcctgaa actccgagag atccacaagc acaaactgca 124860
 agtaggctag cgtccgggtg aacgcgagac agacttccaa caaaaccgcy tcggctcgga 124920
 aaggctgtat gacttcctta agtacactaa agatgctgtt cttatacagc ttctcggcca 124980
 cgccacttcg aattatgggg gtgtggcttt gatgacatac cgtggtgata gtggtcagac 125040
 cggcacacac cttcacaatg tcctccggag caaagtactg ggtagtagc caggcacagt 125100
 aaacagcgtg gtatgcatca ttcacactct tcaggtagcc ggcgtccggc cccgattcat 125160
 gtttctctcc tcgttcttc aggcgacgca agttctctc cccattcagc ttcattccaga 125220
 ctatggtgtc gccggggtcg gcggtaaacg tggccagtat ctgaatgaag tcgctgtagg 125280
 agaggagctg ccccgaggc agcatcagag gaaagacaac cgaggctgac aacagggtggc 125340
 ggtcgtgcag gatccagcaa tccaggggag ccaactggcct ggcgccggac tctgtactca 125400
 gcaaactcct cttcctagag gccagcactc tgaagggcgt ggtaaatttc atctggcatg 125460
 ccaaaacttc ggcggacgtg tcttccctcc cctgcctggc cctggtcacg ttcttgtgca 125520
 tggccttgat ggcattttca tacacgtgag tccagtagcg cattggctct ggcactacga 125580
 tggtcaggtc ccaaagaca gccttcaggt gattgagcat ggtagttttt ccaacccccg 125640
 gagccccctc cagaaacagg gaacaggcgg gcttgataac cggaacatga tttgtcaggt 125700
 gggtgacaat gggaaccgc aggcactctt tcctctgggt cttggtctgg cgggcctcag 125760
 gggcatcatc tagattgagt atattcatca cactcccact cagccgcttc agctgggcgg 125820
 cgtgctttga taatttacta aactcgcgtc gatgggaggc cagggtgctca aagagaccag 125880
 cgggcttgcc cttgctgcca ttcttctgtt tcaacgcagg ggaagaggaa ggcacgcgga 125940
 aattggcgtc gtcctcagac tcgcagtcg accggtcatc aagcccaagg cccgcgaggc 126000
 cctcctcgaa ggccttctgg taaacaaagc tccggctcgt ggagtctgcg cctccgctcg 126060
 cgcacgaggt cttgcggagc caggagaagg ggtctggcgt cttgctgggt ccgcactcgc 126120

ggctgcbagg cttgggagtg ggggcbggtg gcttctgctg ctgggcbggg agggactggg 126180
 ctcccttggg tagggtaaac gggcacgagg ggcgcbggcc ccctacagag gtcccagtat 126240
 tagacgctgc gccccctga gcccggcacg gcacctctc ccccgagagc ccgattggag 126300
 ccatcaaggg gggccagtgg gcaggcacct gatagagtcc ctcatcgctc tcctctccgg 126360
 gcccggagtc actgccgggc gaggtgagtt cggcgggggc aaagtcgtca atctcggcgt 126420
 aaaagttctc ctgcctctgt tcctcaggcg actcgtcctc ctggcatttc cgccagccac 126480
 cgggagcccc ggcccccttt ccaggatata ctgccatgga tcccaccagg ggctctcgcg 126540
 ccctctccgc gaacgagatg gcgagatttc acagcctccc ggcbggcgaga aaggcggcag 126600
 gtaagcbgcb gcaccttcgg tgttactcca agctcctgtc tctccaaaag tgggagcagg 126660
 tagcctcctt tttgtctctg cccccggggc cgcgggtcac ggactatcga ctgtttttcg 126720
 aagtcacgct gggtcggaga atcgcagatt gcgttggtgg agctctgcag ccctttacc 126780
 gctgttatat tgtagaattt aagacggcca tgagcaacgc tgccaacgcg caaagcgta 126840
 ctcbgagggc gcagaggctg gagggcaccc cccagttgtg cgactgtgcc aattttctgc 126900
 gcacgtcctg cccccctcc tcgcbgggca gccggggcct ggaggtttcc gcggcggttg 126960
 tatttaaaaa ccagcgttcc ctgaggacgc tccaggtcga gttcccggt ttgagccaaa 127020
 agaccctccc cacatccacc tccggcctac tcagcctcct ctcccgctgg caggatggcg 127080
 ctctccgggc gcgtctggat agaccccgcc cgactgccgg gcgacgcggt cccggagctc 127140
 atgtgggctc ccagcctgcg caacacgctg cgcgtgtcac cagaggccct cgagctggcg 127200
 gcgcbgggaag ccgaaaagggc cagggcggag cgggtgggaca ggcacgcca gatgctaaaa 127260
 aataggctgc tccgctgga gctggacggc gtcctgcgag accacctggc ccggcgggag 127320
 gaaatccgcc aggacctgga cgccgtagtg gccttctcgg agggcctgga gcgaatgcga 127380
 gccgggcccc tctccccagg cggccacgcc cgcgcgcca ctccctcttc ccccgacccg 127440
 acccggcctc ccgccccgct ccccggaac gctcagtacg ccgtctccgt ctcaccacg 127500
 gacacccac tgatggtggc cggcagcctg gcccgaccc tactgggaaa tctgtacggc 127560
 aacgtccacc agtgggtccc gtccttcgga ccctggtaca gaaccatgtc ggccaacgcc 127620
 atgcagcggc gcgtgtttcc caagcagctg aggggcaacc tgaacttcac caactccgtc 127680
 tcgctaaagc tgatgaccga ggtgggtgctg gtgctcagag gcactacca ggacttcttt 127740
 tcggacgcta ggcacctgcc ggacctccag gccgcctgt gcctctcggg gggctatctg 127800

ctgctccagg ggggctcctc tcaccagcag cgccccatcc ccgcctcccg cgaggagctg 127860
 atggggctgg gcccggagag cctggagaag attatcgccg acctcagggc caaggcacct 127920
 ggcggaaatt ttatgatattt aacgagcggg aacaagggag cgcgccagtc gctggcaccc 127980
 ctcaaccgcc aggcggcgta tccgccaggc acgttcgcgg aaaacaagat ctacaacctg 128040
 tttgcgggcg ccgggctgct gcccacaaac tccgcgctca gcgtgcccgg ggcggagggc 128100
 agggaccggg acctagtgtg ccggatcgcc aaccgggtct ttggggagga cgtgcccccc 128160
 ttgcctccc accagtggaa cctgcgcgtg ggccctggcg ccctcgaggc cctgatcctg 128220
 gtctacacgc tctgcgagac cgccaacctg gccgagggcg ccacgcgccg cctgcacctg 128280
 tcggccctgc tgccgcaggc gatgcagcga cgccgggagg cggcccaggg gggcgccgcg 128340
 ggcgcgggccc agacgctctt tcggcgcggg gagctcttcc gctacctctg ggcccactac 128400
 gtgaggccca cggcggcggc cgagccccag gcttcgggtca gctctctctt tcccgggctg 128460
 gtccctgctgg ccctggagat gaagccgacg gacggacagg cccctccca gtacgccatc 128520
 aacctgaccg gacaaaagtt cgacaccctc ttcgagatca tcaaccagaa gcttttattc 128580
 cagaccggc cgccatgctt ggcggcgcg caccagctgc gtctcgcctt cgaggacggc 128640
 gtcgggggtg ccctggggcg cccctcgccc accctggcg cgcgggagat cctggagcgg 128700
 cagttcgcg cctcgacga ctacgaccgg ctgtactttc tggcgctggg ctacctggcc 128760
 tcccgggtgt cgcccagctg agccagctcc tcgcgccgga gggggtcgtt ggcaaaaagg 128820
 taaataaagt catcactccg ggtttccgtc gtctcgtctc tcgtctcggg caggggggtg 128880
 agtccgtgcc aggccgacac gctcagggac acggcggtgc agaggccctc gtagtcgtgc 128940
 gccgtccgcg aaggacggcg cgggtccagga gcaggtaagc ccggccaggc acaggaaggg 129000
 ccacgaagag ggggcggagg cgggcccga cgcgggcttc gtgctcgtcc gccccccagt 129060
 ggacgaggca gtagagcaca ctcacgacca ggcggttggg aagaacgcc ccgagattga 129120
 agagcaggtt gccgtccgcc aggcagacgc gactcaggtc cggggcacgg cgcagcccga 129180
 gctgggcca gacgccggcg cagacagccc ccgcgacatc cggcctgtcg tgcagaaacc 129240
 ggcagagggc ctgagagcgg gcgcccgggc gcagggcctc cggcggaag cccacccgtc 129300
 tcagggcccg gtagagcagg taccagtact catccgggac cttgcgcgcc agcaccgat 129360
 tcgtgcggtt tccagtattt atcacggcct cgcgccacag gtaaaagtta acccccaggg 129420
 tcagcagctt ggtcagggac aggtgcagga acctgagctc gtccctcgcg agcgcgcgga 129480
 gcggccggtt ctcgagcagc ctcaggagga gcccgcggat cccgggcgtc agccgggctg 129540

cgccccgcg caccccaagg ccagcaaca tcaccgccgc tgccaccgcc gcaatggtgc 129600
 aagctagcga ggagagccgc ccaccagcg cggccgtcta cgtctgcggg ttcgtggagc 129660
 ggccggatgc cccaccagag gacacgtgtc tccaactgga cccctggtg gtgaaggagc 129720
 agtccctct gaaaaagccc ctgcccctca ccgtggagca cctacctgac gccccggtcg 129780
 gctccgtctg gggctctgtac cagagcaggg cgggtctctt cagcgccgcc tcgataacct 129840
 ccaaagactt tctgtccctg ctggactcca tctaccgaga ttgcgatatt gcacagagtc 129900
 agcgcacgcc cttcccccg gacctaaag tggaggccct gcacgcctgg ctccccctgc 129960
 tgtccctggc ctccctccac cccgaggccc ccagggccgc cgcggacggg ggggagatgc 130020
 ctttcttcga ccacgtgtct ctctgcgccc tggggcgccg gcgcggcacc acggcggtct 130080
 acggcacgga cctggggtgg gtccctgaggc acttttagcga cctggaacca tccatcgccg 130140
 cccggatcgc agacgaggcc ccggctccgt ctccggaccg cgagccgggc ctccaagagc 130200
 gccccctgcc ccttaccag ctcatggcca aggccattga cgccggcttt ctcaaaaacc 130260
 gcgtggagac cctcaggcgg gacaggggag tggctaatat cccggccgag tcgtatttaa 130320
 aggccagcaa cgtccccgac atccaaagga cgaaggacag cgcgcctcag agcccaccac 130380
 cagtctccag gaaccgggcc accatgctat cgggtaacgc gggagaagca gcggcgcat 130440
 gcggagggtc ggccgcccag ggccaggacc tcatcagcgt ccccgccacc accttcatga 130500
 ccctgctgca gaccaacctg gacagcaagc ctccgaggca gagtccgtg cttttcgcg 130560
 cccctctgcc ccccttcacc caccaggcca ttgccgcacc cgctacggg gccgctgccg 130620
 cccgggtgg ctactttgcc ccgcggggag gctactacgc gccgggcggc gaccaggggg 130680
 cttctccgc cgagatccc caogcctacc accacggcta cctcctccg gcctactttg 130740
 gcctgcccgg cctctttggc ccgcctccgc ccgcgcctcc ctactacgga tcccaccga 130800
 ggtcggacta catcccgggc ccctcgcgtg ccaacaagag aaagagagag cccgaggagg 130860
 acgaggagg cggcgggctc ttccccggag aagacgccgc cctgtaccgc aaggacatcg 130920
 cgggcctctc caaaagcgtg agcgagctgc agcacgcgt gcaggccctc cgccgggaga 130980
 cgctgtccta cggacagcc ggagtcggct acggcccca gcaggcccc tgctacgccc 131040
 acaccggcca ctacgggccg cagcagcctc agcctctcct tcccagccg tgtcatcagg 131100
 gtcaggagg gccagatac ttccccacc ctctccgtc gtttccgcc ccgcaggccg 131160
 ctacgcctca gcctcctccc ccgggcacac agccccgcc ggcccactgt gcggccgagg 131220

ccgccggggcc gtcaacggcc gccgtcccag aagccggggag ctccggggccc aagcctgact 131280
 ccaagcccca gcctccagcc gaaaccacc agcgcgagaa gaagctggtg caggcctctg 131340
 cctccggagc ggcgctgcag gccaggagc ccgccgcctc caaggccaag gcagtctcag 131400
 cccacctcaa gtccatcttc tgcgaggaat tactgaataa acgcgtggca tgaacgtaaa 131460
 gtttattgag tgtcagtggc gtccattcac acgggtatcc agcccttgcg ccgcctcccc 131520
 cagcccatca gccaccaca gcaggcaata atgatgacta ggattaccgg agccaccacg 131580
 gcacaagtta tgaggagcag ggcccagtcg acccaggtgg gtctgggggtg ccagggatcg 131640
 accgggaaag ggcccagggt aaccgggcgc cgagtgggac gtttggtggc gggacgccgg 131700
 gtgggttggt gactggtgct tgtggcgggg actactgtgg tagtgggggc tgtggtagt 131760
 ggggtgatgg tagtggccgg gataactgtg agatgcattc tcgcggttag ggtccggtta 131820
 gcatggtatt gttcatcgtc gtcctccgcc gtgtaattgc agtggacccc ggaggccaaa 131880
 ctgcaattca ccagggtcac attacatatg tagtccccct cgtgttcact tgtaggttg 131940
 aaaaaggcca gggtcactga agtggtggc gaatctgtcc attctagggt gagagtgtaa 132000
 ttgtgatgcc cactataaat atgagttcca ttgttggaag tggctacgcc tagtggtgga 132060
 attccatcac cgggagtgga tcccttgccc acctctatat gagaaacagt ctcatctctg 132120
 ggaacactgc aggtgatgtt gacttctgca cctgcagggg cggtgacatt ctcaaacttg 132180
 accaagtcag agaaaaaggc acaaacagac cccacacagc agcacaatag aagagctaaa 132240
 tgagtcattc ttaactgaca gttttggaag ccccatcatc tcaggcctaa atacgtggtg 132300
 ggggtgagatt aagagcactt tcatattcta taatcgagg cttaaccgga agagaagctg 132360
 ccggttgcca tttttcaagc agcgcagcag agaaaggcag caggggaaga aggctcctca 132420
 aacagcatgg atctcctcgg gttaaagagg cacgggcaag gagtcacgta gacacggggc 132480
 ttttctgtga ggtaagaaat cactaaaaag agcccaggat gtgtaaacag acttttgcg 132540
 gggatggtgg gccagacacg gtgggtgtgg aaaaaggggc tgaaacacgc gagtcgaaag 132600
 ggtcccaaaa tacaccaggc atcaggaatt gctcaagcca aagttgctcc tctgatggct 132660
 ataggcccaa agtatacatt tgcgtgcttg gaactttgct aatgtgcact gtgtttcctg 132720
 tccgcatgca aatactctac tccctcagcc tagtctaaga tgtctgccac agagccctag 132780
 gtgcttagcc agactgtcat tctattggta aaacgggcag aaaacagaaa agacccgcga 132840
 agtttggggc cttcacgatg cccggtgggc cccagtagcc ccggttctcc ggggccggat 132900
 gccgcggtcc cgcacggctg ctgcaggctc gcagctgctc agcagctgca ggcgggggat 132960

gggtagcagc atcttagtac aggcctctca tcacaggaga ggtgggggtg ggggtaatgt 133020
 ctgaaaagtg agcaacgtgg caggtgccgg gactgaaaac acgcaaaaaa acacccgcgg 133080
 aggggggggg tgggtgatta tctctgggtc ctcggggggc ggtggagacc gcgggtgcgg 133140
 tgattgcttg accctcgcac ctcgccgtct ctactgctcg ccgggtacgt ctggcgtctc 133200
 caggggtggtt ccgggtgggg ggggtgggtccc gctccgagag ctttaagccg ggtagaaaca 133260
 ggagaaatgg agatgcttta accttggggg gacctagtaa ttgtgcgggtg ttgtgagtg 133320
 tagaaacacc acacgatcca ctaggtctca cctgggctcc ttgcctcgtt gccccagcc 133380
 cccctaccct caacaccaat acaccaaata agtggggcct ctttcgtggg acttgctgag 133440
 tatgatgcac tgtgaataag tgtcaagatc acccctagcc aacaagtctc tccgggtctg 133500
 cttgcctcct gctcccacac accagaccaa agacaggggg tctctataac cttcgggtgga 133560
 acctagtgcc ggtgatgtgc tgtggatagg cagctagcgc accacttttc actaggtgtc 133620
 accggggcta cttgcaccgc ggccccctcg tctttataac agtctggaag tgaggccctt 133680
 taacccttgg tgggttttag tggaaagtgc gtgctgtgat taggtacca tagcaccgct 133740
 atccactatg tctcaccagg gctactcgcc atcgatccc ccattgcgga tacggcccaa 133800
 ctgcacctgg tgtaattcaa gcaagactct gtcagtatcg tcgtgccttc cgtaatcac 133860
 cgtgtgccgc ttcgaggtaa acatcggctt actgaagtct cttagtaagg tcagtgggcc 133920
 tgtttccctc acagagacac atggcatgcc aactgctcag gggagggggg gaggatggtg 133980
 ggccagacg cagcctcttc attctgattg ctgcccacc gtaagggtgaa tatagctgcc 134040
 cattgatgtc tgtttagaac ccgggtgggc gcagttcacc tacagtgcg cagtgactgc 134100
 cagccacaac gaagagcata ctcaacgttc aggtgtggaa ttatagatag cgtgggtgtg 134160
 tgaccttgtt tgttacacaa agatcaccac cccctgtctg ctttccactc ctgattagac 134220
 ttcggaggtc cagccgtgga aaatgtgagc tttctgcccc tcctaacacc tagggccacc 134280
 cccttacgcg gcctgcggaa ccctaagagg ggggcctgca cgccgaggtt atttcccagc 134340
 ctttcgatgc atggtccccc cttagtggac tgcaggccca tgtagcctca gagaaccccc 134400
 gcgccttcac acagggtccc ctacgttgaa tgacaatcat gggcccatgt tgcattgacc 134460
 ttgttggtta ccttaaaggg tagtgtggtt cacagcagtt tgtgaaaaac ctgtggatct 134520
 aacttccctt agtgtaaccc aggggtggagc agcacacgtg ccactgctac tcaaacaagg 134580
 ctgtagcctt tagatggcgt aacaggcaac ttgtgtatga ggccaagtta gcccgaaccg 134640

ctatccatat gctgctgctc catctcatca gatgtccagg atcgtcccag gtgtggaacc 134700
 catcctcagc aggtgagct gtgcagtttt gattgtgggg ggagggctct cttatctagg 134760
 ctagaggcct cttctcacia ttctaatttc acagctctcc agaagccgcc ctgcctcttc 134820
 cccggccggc ttgcgctccc ggggagccca ggtgtctgag aacttgggcc atacatttac 134880
 agggcccaga ttactgttag ccagtttaag tagtgcccag gccacaacc ccacccagca 134940
 gcgggtcccc cttctagtct ccttgcggtt gtgcttgctc tagtgacagc ctggcattct 135000
 atcagaataa cgtgagaaa ccaggggagg actcaaccac tcaaccctcc ccaggatatcc 135060
 cgctgacatt gggccctgcg caacggcagg tcagcccgga atccgaaaca tcacacacc 135120
 agcccgtagg aaacggccca accgtcccggt ggtccgctc accccaccac cccactcca 135180
 caagcaccac agacacgaga tgtaagtttg tacactttat tgtaaacac acggggccct 135240
 cgctttccca gggtttgggt ttgctccggc ggggggtggc cgggccgctg ccgggtccgc 135300
 tgcccggtcc tggagctcgg gcccgggggc cgggtgcccc tgggtccgct gccccgctcc 135360
 ggccgggggt gcccgggccg ctgccgggtc cgctgcccg tctggagct cggggccggg 135420
 ggccgggtgc ccctgggtcc gctgccccgc tccggcgggg ggtggccggg ccgctgccgg 135480
 gtccgctgcc cggctctgga gctcggggcc gggggccggg tgcccctggg tccgctgcc 135540
 cgctccggcg ggggtggcc gggccgctgc cgggtccgct gcccggtcct ggagctcggg 135600
 gccgggggccc ggggtgcccct ggggtccgctg ccccgctccg gcggggggtg gccgggccgc 135660
 tgccgggtcc gctgcccgt cctggagctc ggggcccggg gccgggtgcc cctgggtccg 135720
 ctgccccgct ccggcggggg gtggccgggc cgctgccggg tccgctgcc ggtcctggag 135780
 ctccggggcg ggggccgggt gccctgggt ccgctgcccc gctccggcg ggggtggccg 135840
 ggccgctgcc ggggtccgctg cccggtcctg gagctcgggg ccgggggccc ggtgcccctg 135900
 ggtccgctgc ccgctcccg cggggggtgg ccgggccgct gccgggtccg ctgcccggtc 135960
 ctggagctcg gggccggggg ccgggtgccc ctgggtccgc tgccccgctc cggcgggggg 136020
 tggccgggccc gctgcccgt ccgctgcccc gtccctggag tcggggcccg gggccgggtg 136080
 cccctgggtc cgctgccccg ctccggcggg ggggtggccg gccgctgcc ggtccgctgc 136140
 ccggtcctgg agctcggggc cgggggcccg gtgcccctgg gtccgctgcc ccgctccggc 136200
 ggggggtggc cgggccgctg ccgggtccgc tgcccgggtc tggagctcg gcccgggggc 136260
 cgggtgcccc tgggtccgct gccccgctcc ggccgggggt ggccgggccc ctgcccggtc 136320
 cgctgcccg tcctggagct cggggccggg ggccgggtgc ccctgggtcc gctgccccgc 136380

tccggcgggg ggtggccggg ccgctgccgg gtccgctgcc cggtcctgga gctcggggcc 136440
 gggggccggg tgccctggg tccgctgccc cgctccggcg gggggtggcc gggccgctgc 136500
 cgggtccgct gcccggtcct ggagctcggg gccggggggc gggtgccctt ggggtccgctg 136560
 ccccgtccg gcgggggggt gccggggcgc tgccgggtcc gctgcccggt cctggagctc 136620
 ggggcccggg gccgggtgcc cctgggtccg ctgccccgct ccggcggggg gtggccgggc 136680
 cgctgccggg tccgctgccc ggtcctggag ctccggggcc ggggccgggt gcccctgggt 136740
 ccgctgcccc gctccggcgg ggggtggcgg ggccgctgcc ggggtccgctg cccggtcctg 136800
 gagctcgggg ccggggggcg ggtgcccctg ggtccgctgc cccgctccgg cgggggggtg 136860
 ccgggccgct gccgggtccg ctgcccggtc ctggagctcg gggccggggg ccgggtgccc 136920
 ctgggtccgc tgccccgctc cggcgggggg tggccggggc gctgccgggt ccgctgcccg 136980
 gtccctggag tcggggccgg gggccgggtg cccctgggtc cgctgccccg ctccggccgg 137040
 ggggtggccgg gccgctgccg ggtccgctgc ccggtcctgg agctcggggc cgggggccgg 137100
 gtgcccctgg gtccgctgcc ccgctccggc ggggggtggc cgggccgctg ccgggtccgc 137160
 tgcccgggtc tggagctcgg ggccgggggc cgggtgcccc tgggtccgct gcccgcctcc 137220
 ggcggggggg ggccggggcg ctgcccggtc cgctgcccgg tcctggagct cggggccggg 137280
 ggccgggtgc ccctgggtcc gctgccccgc tccggcgggg ggtggccggg ccgctgccgg 137340
 gtccgctgcc cggtcctgga gctcggggcc gggggccggg tgccctggg tccgctgccc 137400
 cgctccggcg gggggtggcc gggccgctgc cgggtccgct gcccggtcct ggagctcggg 137460
 gccggggggc gggtgccctt ggggtccgctg ccccgctccg gcgggggggt gccggggcgc 137520
 tgccgggtcc gctgcccggt cctggagctc ggggccgggg gccgggtgcc cctgggtccg 137580
 ctgccccgct ccggcggggg gtggccgggc cgctgcccgg tccgctgccc ggtcctggag 137640
 ctccggggcg ggggccgggt gcccctgggt ccgctgcccc gctccggcgg ggggtggcgg 137700
 ggccgctgcc ggggtccgctg cccggtcctg gagctcgggc cgggggccgg gtgcccctgg 137760
 gtccgctggt tcggttcacc tggaaggcaa gcgggttcgt ggagcccca ccccggaaac 137820
 cccagcccca tcccggctcc cctccgggc tcccccggg ggtgccggg cctaccgggt 137880
 tctggagctc ctgggggtcc gctcgctccg tgggtccggt cgggtggggc tgggtccggc 137940
 gatccgcttc gggggtccgc cgggtccggt cacctggaag gcaggggggc tcgggggtgg 138000
 tgggcgtgtc ccgggccccg ccccgggcgg gcaggggggt cccgtggaca gggccggggg 138060

ttccgggggc agccgcgacc cagcgcgccc cgttcacggg ggaggatcgc ggccgggcct 138120
 cccgggggccc cggcgggggtg ggggggtgcgc ccccagccgg accctggtgc caggcagggg 138180
 cctcgcgccg cccgcttcat ggggggggag gccgcgcgaa ggacgccggg ccggctgggg 138240
 gttgtgcacc ccccagagcgt ctggacgacg ctggcgaccc cggccagcgc gccttctttt 138300
 attcactttt tgggggcgct gtgcaatacc ttaaggtttg ctcaggagag ggggcttcct 138360
 attggttaat taagggtgtg catttttagcc cgttgggtta cctgcaggtg tgtccacagg 138420
 tgggtggtac ctggaggtga tgctattggg attaacgtgt gggggaggag ctaagggtccg 138480
 cgagatttgg ggtagcggag cctcaggagg gtccctcca tagggttgag ccaggagggg 138540
 gagaaattct gcgccccaat atacctagtg ggtggagcct agaggtaggt ttccataggg 138600
 ttccattatc ctggaggtat cctaacgccg cccctatatt ccagggtggg ggagctaggt 138660
 aggatccagc taggtttcta ccgggtgccc ccctatccta cctcgaggtg cgccaccctt 138720
 cctcccttcg ttataatggt agcataacct ataggttatt aacctagtgg aggaataggg 138780
 tactacagct gggtatatac ctatgggtat atacctatag gtatatagga acctagagaa 138840
 aggaaccct atagtgtaat cctcccccc cctaccccc cctccttacg gttgcctgag 138900
 cccatcccc acgccagcac cccgggggtga cgtggcaccc ctgctgctt ttcagggtgca 138960
 tcacctttgc acatttggtc agctgaccga tgctcgccac gcccggtca tgacctgggc 139020
 cagcgctcg tcccagggcc cctctgtcct cctagcgtgt cgcctgcctc cgggatgcat 139080
 cactctgagc cactaagccc ccattactcg ccccgcttgc ctcacggtgg ctcactaatc 139140
 ccccgctaat ccatgtgctc cgcccttagg aaacaccgca tcccaggggc ggaagcgtgg 139200
 acccagaggg cggaagctgg actttggcca cgggcctcgc ctggagttgg gttgcgtggg 139260
 gtgtcaattg ggggctgtgg gccgaacggg ggctcccgtc ccccggggg gcgcctgtga 139320
 ggcggctgtt gttgtcaaag gggcgggtggc agccgcggtc cccaccctt ccctgggtccc 139380
 tgggctgttt gcctgaggtg tgtttgtgac tgctgaggtg gcagagggcc cggccttgag 139440
 cccatcccc gtggtgtcag cctgtagtgg ccaacaccct tggttttgtt ttgttcctgt 139500
 tgctggcaac tactggcag cagagcagcc tctaattggtc gcctgctttt ctctctctcg 139560
 ttttatttat agaatcacag ccaggactgg tacctgagag ctgagagtct ggtacgtgg 139620
 ttgagacccc aagatttgac atgcacacct gttggtattg cttctattct tgaacgtgag 139680
 agtacttagt aaaaatgtct gcaaatatca ctaatttctc ttaactggtt aggggggtatt 139740
 taagaaaagg caaaagaagc ctctgtattg cttggccaag tcacttctgt ggggctaaca 139800

cctcctgttc ctgttgtaaa agggggccctc agtgtgccag gcttgtggtt aaggtccctt 139860
 ctgtgccagc tgagagcatt tttctgtgtg gtgggggtag ctgcagttca gacaagtaat 139920
 gactgagggg ctgccattgt ccattgtgaa ctttttaatg acagcagcat attcttcaaa 139980
 cagctaaatt ttaatttgcc taagatagca atgtgagatg tggttaattg accattttcc 140040
 tgtctggcat aaatgcatgg gcgacccctg gtccatggca catatggaga taaacataga 140100
 tgccgtctgg ctcatgggca ggtgtgggca ggtgggggtg ttagtgtgca accctgtttc 140160
 tggcttccaa attgggtagg ggggtgctatt ttctctatgg aattaaaatg ctgacattag 140220
 acagtggaga ccacactata tgtggggatg tttgtggctt gtcatttcct ctttgaaggt 140280
 aatcccccac ctttaacttc ctttaaatta tgatgcaagc cttgggttat tttaggatag 140340
 ttatctaggc ttgatattcg tggggggaaa cgggtgattt tgggtgtagt attattcacc 140400
 gtttcatccc cactgattatt cggtttcaat tgctcttctg gtttcacggg ataactttcc 140460
 ccgaacacac ctttcccttc attgtctgca gtatcccccg tcataacttc ctcttgattt 140520
 gttcagagag atctccagga tgtcagctct gtgttggggc ccgttggcag gaagagggtt 140580
 cagtcttgtg tcctattttg ggactggctg tgggggctgg gtattcacta gtgctggcac 140640
 ctaagataac tagaattggt agttgtctgc actggagagt attcggtttc agaagtcac 140700
 acataacacg ggagggttc tcctctcacc ctttgcccc tgtttggttg cagcaccagc 140760
 gaagcccagg aggggaccac ggcgctcctt ggtgcctgtg gtgatgctct ctttaattta 140820
 tgcccttctc taccatagtg ggggctgggt ctggctcctg ctctcaatg tgcccaaggt 140880
 gcaggggttg ccgctctcgg atgcgtggcc atgccaccc ccctgcatgg gggcgctctg 140940
 tgtgccaaat ttcgcgagct accccttggt ttccctcggt atctgatagc atgacagcta 141000
 ggaccccaa agtggaagcc gagggagggt gctcttcctt ttaacatct agagaactgc 141060
 ccatgttcct gctggagttc ctgagtgttt actggcagtg gtcctctgac atcgggtttc 141120
 cgctgtactt gcataatgag aactttgtag tgcgccggtg acctgatagc agcggctctca 141180
 caaaggcatc gtcgtcttgt caaacgtgcg ggtgccctgg ctcaagttct catttccaat 141240
 acagtttgag aacctgtat cggagatagg acttgatacc agtttgccc atgcttcag 141300
 cagctgcggt ggttggttcc ctctttatgt agacaccggg gccttgctc cgtatcctat 141360
 caagtgtgac gtggctttgt tcgtgacact cgataggata cgggggtaaa ggcgcctgaa 141420
 tttcagttta gctgggagca ttggcgggtt cagcctggct gagcccccg ggtcctgtcc 141480

cagctttgat gtgttttttag gtttcacggg gcagggctgg gtcaaggcac ttagccctca 141540
 gtttcagggg acgctcagac cagacatgc acagtgggag attaagacat tgctctaacg 141600
 gtgcatggac tggctagagt gttcctggag tatgctggag gtctgccact tgccttgagc 141660
 ctaattctgt gtttttgcaa atgggagcag cgcctcacc ctcagcccc tctgttcctt 141720
 ggtgcatgca tttcttatcg gtggtgggag cagcctccg aatgccattt tcgggggtcc 141780
 ttttaggcag cggttttcag gtgacctatc tggagcagat cccgtgtctt gatcctgggc 141840
 atgggctatg aaacagttct aacaattgga tcatagccag tgtccaggga cgggtgcaccg 141900
 ggaaggctca gcgtctccag gctgtacacg gttgattgaa tttttgcccc tctgtgccct 141960
 ctgcacacct ctgcttttgt gggcctctag tctcacagag tcgggggaca accgggacgt 142020
 gtcttccttg gtccgtgcct aggagcgccg ctgttccagg acccgcatg ggtttctctg 142080
 ttaatttgtc ttcagcgctg ccattctatac cctcagagt ccaatttttag cgtgccttcc 142140
 tttctcctct cgtaaacctg atagcatgaa gggcagggtta cacaggctgc ttactgtgga 142200
 ttgtaatctg cttatgacag caccctctcc actgaaacac ggaaagctgg gctgccccaa 142260
 gtgagccctc ggccccaggg tatgctccca gtggctgttg cgtggccctt tggggatgat 142320
 gtggctgctg ctggtgctag accctaaatt ggaaacaata atagtgattc tgtgacaatt 142380
 taatgggtct agtagttgca gtctggcccc taacactcgg aaataaatgg gctgatgttt 142440
 tcagtatgtt ctccacaggg cagggtgtgaa gcggtgtcgt ctggcgctac acccgggatt 142500
 cgaagcagtc attgggcctc tgctacgatt ctccgggttt agcagttgct ctcccgactt 142560
 gcaactttga gatgaggggg tgctgctttc tggtttctaa gcaggcggtg tgggtggggct 142620
 cccgtggagt gacccggagc cgcctccttg gttctgtcca cathttgttg ctgcacataa 142680
 ccatggaggt ggttgcggtg cagcctaggc taggcggagc ctgctgctcg attggcctgt 142740
 tgattctcag gttgaggtcc gcatgcccc tcttgccctc aagatgcccc gaagcccatg 142800
 gcgtgctcgg ctatcgagc caccctgcct ccggctgggt cggacggtct ggtgcgcttg 142860
 atgtgttttc ggtaccatcg cacatcaggc tgaacgactc agaggagtgg cccttgaatg 142920
 catgcggggg ttgattctcc ggttcattgt agcattcccc acccgggcct caagaatgcc 142980
 ccgaagccca tggcgtgctt ggctattgca gccacctgcc ctccggctgg gtcggacggt 143040
 ctggtgcgct tgatgtgttt ttagtaccat cgcacatcag gctgaacgac tcagaggagt 143100
 ggcccttgaa tgcattgccg ggggcttccg ccctagccct tggccgtggg agcagctccc 143160
 ggtccctccc gcttgcgctg caattttcgc aggccgttct cttttctcgc tcgtttatcc 143220

aatagcatga aaggcgggta gccgagcatt gttagtttcc tggagccggt gacctgagac 143280
ccacccttct cgacggggca ggtgttataa gtgtcctgta gagtatgggt gtggtttttag 143340
tgcacgcggg agtacgtgga aatgatcttg aaccgggtga gctctgggtg ccaagaaacc 143400
aggctggccc ggtgacgctg gcccggaact tccttgcca ccagtggtgac ccggagagtc 143460
tgtcttgga ggcgttgctt tcagctgttt atatggttg aggaaagtat cgccttctag 143520
aattggcttg tccatttctt cgtgagcctg ctgagtcctg gtcctaaaac cagtcccagc 143580
agacaaaaca tagtatggtc gagtgttttg tttgcttggg actgcagta gggcgcgtaa 143640
actcgtctct cggggtgatg ccacgcgtct gtgccccgggt tgctgctgtc cagacgcccc 143700
ccggccttgc cgcgccaccc gctgtttttg gagggccagt tgaagcaggc atgtcttcat 143760
tcctgatttc ctgatggcat gaaacacatg gcctgttcct attggcacct tctctcacgc 143820
cgcttgagc atcaggaagc ccgtgtcctg gcaccgggtcc tttgaggtac gaaacattgt 143880
gagtttgctt cgttttcgaa ggtcggtgt cagtgcattg ggagattttc gacgctagaa 143940
tgctaaccag ggctccccgg tcaccggctc acagctagta cggacgatta ttggctctgt 144000
aacttgtcgt gggacgggca tcgatgtgct cggcctacca cgttcgacac tctcgccgtt 144060
cccttcgttg cccctgccgt taattcactg cgggtaagt cccggtcgt taccgaccc 144120
gcgtaacttg tggatatattg ttaggcgtgt cgtcgtaagc agccgggcca cccggcgctc 144180
ttcttactg ggatctgcga gggggctcac agtcggctcg ggcagtcatt ctccccacgt 144240
tactgcccc aacgctaagc tagaactggt actggcgccg caacctggga cgtcgtctgc 144300
atattcacc actcttaacc cccaacctgc cgggctaagt tcagatgttc tctccatgtt 144360
ccccttgta aggaatagca tggctgtgag gtttgttctc cagggtgtt tattgagatg 144420
cggggagacc tcagaggcac tctcggtatg ggggtgggg atctatccgt gcccggtcag 144480
cgtagcaga cgcacttgcc ccactacgc caccaggcta acgctgtggc tgtcttgctt 144540
gggtgtgtg ggtcccaggc aagccacac atctcaccag acacgccaag tgggtgtcctg 144600
taacttacta ctgccgctt acataacgta gcttgtaa atgcagcagta gtaggcgtct 144660
ggacgctaga cttgttctc ttcaaatgat ttgagttatt gtggaggta gctagttttg 144720
gtctccactg ccccttctc cacttgatt tccacgctc cagatgccg cccctccacc 144780
caggctaatt ccgccacccg tgccccacc tctggccaat tttggcctcg gtgcttctcc 144840
acgacctggt cttggttccc aggcgcgcc ctccgacct atcccccca ggccgcttaa 144900

gcccccgatgc tctttccgac cgggcccccg tgcctttcca tggaccaatt gtggcctccg 144960
 tgcctcccct cccggctggt tccggccac gttgcggcgg gccaatgca gcggctctcc 145020
 cccttttccc cttgttaata gatagaatga cgtggagggtt acaaccagt ggcagcttta 145080
 ttgtgagacc atttacagag tgcccttggg ggcgacgatg ttcccgttaa aagtcttggt 145140
 gattctctcg aaggtgggca gggaggagct ctccaccaca atgttcccgg gcagcgtgag 145200
 cgcgcagccc tggcgtgga tgtatctct catgagggtg ccgagggatg ggtccccggc 145260
 gtagatgaag aaggcctggg ccaggctctg gccggctact atctctatgg gtttggtgga 145320
 gatgttgagg acggttagct tgaggggctg gccgggcttc cactcctgag ggtagacgta 145380
 gaagaccggg ttggtgggtt gggacacgac cagcgccgtg atcttgaggc tgaggggggc 145440
 ctgtaggtg ttgttgatt ctagctccgt gatgaaattg ggaggaatga tcacggggga 145500
 gccaaagtag cgaatgtctg tggactctcc atcccagcgc cagggtgctt tggggtaggg 145560
 gttgtagcgg aaggcaatga tcacgtcgtc caggagtgtc atgccacct tgacgtttag 145620
 agggccctct cgtttcaggt ccggcgtgtc cacggagact ctgacgtagc ccttgccgcg 145680
 gcggacggcg ttgaccggac acacctttcc cgggaacgtg tggatgcgcg cgtaggactt 145740
 caggaacgga gtcgtgtgct gcgccagcag gtaaggcagg cactcgtcct ggctggagac 145800
 gggcgagcca cttaggaaga tctggggctc gctgggtgtt aaattgtccc cgctctggga 145860
 gcaggagcgc gtcagcttga tgctcgtctg gccgggcagg atctggaggt agaggtaggg 145920
 gttcttgacc agtctgatgg gcactatgta ccagggtgagc cgccccttct ctatgaagag 145980
 gcttcgtggg ttacgcacgc tcaggacgat gtcctgggtc gaggatgca caaagaaggg 146040
 cttcaggaag acctcggtgt cctccgcccc aaagaacaga aacgagcacg taaagtagcg 146100
 gctgccgtag gtggtcgcgt tgaaggagaa ggaggggaac acaaagctga ttatctggcc 146160
 caccgagggg caggggggca gtcctgggca ctgcgcgtcc agctgcagca cctgcttggt 146220
 ggtgaccggg acgtacgagg caaagatctc gtattttccac acccccctca cgaagctcgt 146280
 ctctgggttt tcagcgggac gcaggcggcg gaggctgctt ctgaatgacg agcgcctgga 146340
 cgctagtgtt gcatgggctc ctccggggta agcggcggcc atggctgcag ttcttccacg 146400
 ggtaagggtt gaggcgggtg acgcgcgacg tggcggcccc agtgaggctc tccgctcggt 146460
 agctggtaga atatccgtcc ggcgtctaga ctgtcgtctc tcttgccggc ccagaagagc 146520
 gcgaaaccga gcctgactcc cgggcctacg tgcagtggct tgtccccgca gttgtagatg 146580
 gccaatTTTA tgggcgagtg ggcgggtccac acacgcgggc gcagcaccca ttggttgag 146640

gcggcctcct ggaacgtaaa cccggagagc gaaggcgccg cgccctggag ctggccctgc 146700
 gccactactt gtagctcctc cctgggaggg acgacaacgt cgcgctctgg gtggagggga 146760
 aacagcgctc agccccggc cagggtcacg aggcctgggt ccatggtcag aaaacaaccc 146820
 tcccgggagg tgggaggccc cggccccaac agaacctcgc aggccagcc ctctctgcc 146880
 ctgtccacgt gcacgtctag gcggacgacg ccagaggccg agtcacgca caggtagagg 146940
 cccgggtgcca gccgccctcg acccggtcc caggcgaggc cgcgccagcg tagagccgg 147000
 gcctggctcg gggcgcgtc accccgccg ggggacgacg cctcgccggt ctcgagttcc 147060
 tcgcgcgctc tctttcgccc cctctcggc tccccaccc gaccggggg gaaagtcgcc 147120
 cgcccttggg gcaggagggg ctggggcgaa tcttcgcccc ccatcgcttc cctcctcggt 147180
 agtttgatag aatgacggtc ccacgcaatg ggccagggtc cggcgtaggg aaaggccagg 147240
 gagagagaag tgggagagct ggggctcagc gggccccaga cgcgaggcc gccattctcg 147300
 gccgaggcag ttgacccggc gggggcgagc accggcgccc cttcgcccg tgcgagagg 147360
 agggggagat ctaggacagc ggcaccacg caaattagac acagacacag atcggtgggg 147420
 ttgaggcgac gcaggctagt ctttatggtt acaaacatgg gagcgtgcac ctggaagacg 147480
 cagctggggg agatcttgac atctttgccc gtgtcggcg ccgccagaca cgggagtccc 147540
 gagttcacgg cgggcacctc ccagagcgag cccaccagcc cgtacctggc cacggccagg 147600
 gcctcgtagg ccgagacggg cagccggagc ttgtggtact gccctccgg caggtaggc 147660
 ggaaggcagt tagagaacgc cagtccccta gaccctattt ccacgcgcca ggcgctgagg 147720
 tcggtctgca gggccatact cgcgctcagg tggactgggt ggacgttcct ctgaagaatt 147780
 tggcggtgac tgataccttg ttcttgaggg agtcataaaa gtggttgaag ctccaggcgt 147840
 agagaaggat gagcaacagg gccaggaagg cggcgggggc tgggtaatag cgggccgcga 147900
 gcgactctgt gcaagcgaag cccaggctcc cggcctctcc caggaagagc agcggcagtg 147960
 acagcatgaa ccaggagaag gcgcagatga ggccggtgaa ggcgacgttg cagatcaggc 148020
 gccactttct tccgaatttt gtgtgcagga gtttccagat gatgatgagg gtgaggatga 148080
 caatgaggat acccgccagg agatagcagc cggccttcat tccctggatg gtcgtgtgca 148140
 tggccctcgt ggggccttcc ctgcacatgt tggggcctct gttgagatcg gcgttggggc 148200
 ccatgatgat gaggaggatg atgatgagca ggagcaccag ggcaaagacc ccgccagggt 148260
 agaggtagac tgcctgttg gagtgccgca tgggcttcgt gctggtcagg gcccggtct 148320

tctctacggc catgcccacg tgcgtccaga cggagcacat caggcccagg aacatcaggt 148380
tctgggtcag tatgcagagg ccggtggttg agaattcctg gatcattttc cccagcacc 148440
agaacaggag ctccagcagg agcgcgagaga gccagacgtc cattctatgc gcaaacttcc 148500
taaccagggc gatgaacagg aggccgacca cagttaggag aatgagcaga atcaacagca 148560
ggctagtcat gccactgagg aaggcgctgt atgatctggt gcaggcatcg tccgtggcat 148620
tgacgaaagt catgttggcc acctgggtca ccacggtgga ccccggggcc aggggtggaga 148680
gcatgctgct ggccactgcc atgatgggtg gtggccggtt tgatgtgtgc ttgaaaagag 148740
gaacttgcct ctgcagccca agaggcactt tgcagtccac cctccctgtc tgtggacttc 148800
cagaccattg tcttcatttg ccttgcgtg tacatgactg caaagagcaa atggggggaa 148860
tagcctgtga gttccgctta atcgccggtt tccatagcga ccttgccaga gtagggatga 148920
gccggggcgc aacagcacga tccccggtgc ctttcccgat gatgacacc gcccgggctg 148980
tctgaggcag ctgaggaaat tggttgagat tctgacgtgg gaaaggcttc ggtggtcttg 149040
ccacgcaaca atcccttggg gtcttgccct ccaccagctt ccccgccact tctcggtgg 149100
aatctttgcc tccctacccc gctaggggtt ttggcctctg ccagcttccc cgccccctct 149160
cctcggcggg aatcttcgca tccctccctt tgtgggggtg gctcggtgc tctccttccc 149220
gctcttctct cgttaaaacg agagaataac aacgggggcg cgcgcccggc atcccgtgg 149280
gcttagaatg gtgggcgggc ggtgaaattc tggaggacgg agagggtggc cgccgagttg 149340
ttgtcaaaga ggcactgcag gatgttgcc gccccctgca gcagtttgc aaagtagtgg 149400
tcaatggcca cgggaatgcc gtgccgtcc gcgtaggccg ggtcctcggc catctccgtt 149460
tttcttgccc ccttgatccc ccccttaggc tccacgaaga cgtactggat acggtcgtga 149520
atttggggca gctcctcggt gcgctcgacg aacttctggt agacggccag gtgaggcatc 149580
tgggtgctct tgtaggccga gagcttgcg ctcagctccg tggagaagca gagctcccc 149640
atggggaccc tgccctctct gaggtccgca taggcctcgt tgaggatgtc gatgaccggc 149700
aggaagcccg ccggcagccc ctccgagaat gactcttgga agggcgggcg ggagaggagg 149760
ctggccgctt cctttaccgg ggcgtccgc agcaccaggt cgagcacgcg ccggcagcgc 149820
gcctgcacga acttgaggc cgttttcttg accagctcca ccccttcat caaggtcttg 149880
ccgtccgtca gcacccccac gtatctcttt ttggtgatga gcatcaggca ggagaaggtc 149940
ttctcggcct ccaggagat gggggccaca aacaggctcc ggggtggtgtg ggcgccagg 150000
gcctcggcga agcgcagcgt ctgcctcc gagaatcccc ggcactcgat aaacagcgag 150060

tccgtgtccc cgtagatgac tcgtagcctg ccctcggggt tgaggggagc ccaggcggtg 150120
 ggagtggggg ccagggcctg cagggtcgcc ggactcaggg cctccacgaa ggccttggcc 150180
 cgctccagca tcgtgcgccc ctgcagcgtc acggtctcgg cgatggagag gcaggggaag 150240
 aggccgttgg ccaccccagt gaagccgtag acggcggtgc acgtgcactt gatggccagc 150300
 tgctgcttgt ccaggatggg cttttggcgc gggtcctcgc aggccgccag cagcttctta 150360
 atggccttgc gcttggccag ccaggagggtc agcagactgg ccaggaagga ctctgtcacg 150420
 tgcttcttta caaagtggta ggtgcccccg gtgagcctga aggactcgta gtcctcgccc 150480
 gggcgagggc cggctagtct gtgtcctctt tccggcggtta tcatggtaga ataacagaga 150540
 ttatgagcct gaatgatgct cgggtagagg ctggcaaagt ccaccaccag caccggggag 150600
 ttgtagaagc cggacagggg ctggatgaca gtggccccct ggtagccgtc cctgtcggag 150660
 gcggagggca tgggtaggat aaagtctctc ttctgggccc cggccaggag gcaggagaac 150720
 acgcggtatc gctggccatc gtccagcacc cgcttcagg ggatgtgggc gatcttggcg 150780
 atctcgcca cctccacgtg gatcacaaaa tgggtgagca gatccatgac cagggccgaa 150840
 tcctgcacgc agtacatgcc cagcctcctg cggccccggg ggccctctgc aaagaggcga 150900
 gggatctcct ttagtgacac gtcctccttt ttggccccca gcaggtgccg ggccaccgtg 150960
 tccagcttgt agtcagagag gctgagcttg tccctgcaca cagcgtacat gtcaatgggg 151020
 atgaggccgg tgatgcggac cttggtgttg gcccggagga agcccttccc ggcgtcgtgg 151080
 ggccctcctg cctcgcagac gccccgggct ctgatcttgc ccagggaggc cggattgatg 151140
 ccgtagatgt gccggggcct gtccaggacg tagggccagt caaagtggc caggtttag 151200
 ccggtcacga tctccacgct gaggtccctg atgagctgga agaaggcgta gagcatgtcc 151260
 agctccgagg ggaactcgta gacctcaacc ccctctatgt cttcgcagggt gccagcgtc 151320
 agcaggatgc ggcggtagcg gccggcctcc tccccgtgg accagaggac gcaggagatt 151380
 tgcaggatca ggtcagcctc gttggtggcc gtgggaaagc ctcctcccc cagacactcg 151440
 atatcgaagg ccagggccgt gtaggagggc caggagctgt cctcgcgccg gaccgagagg 151500
 tcgcccacct cgcagtcata ctgcagctcg gcgtacagat cccgctgctg caggcggggg 151560
 atggcgcggc ggcagctgta ccagccaaag gtcacaaagt cgttgtccag gacgaagcgg 151620
 cgcgccgct ccacgttggc ttcgaagatc tggcaccgt gcttgcctg cagccacgtg 151680
 gccacgtgag acacgctgtt ggggtgggag aggggtgattt tgtgatagac gccggcctgg 151740

ttgccgtagc ccatgatgga gcggcgcggtg acccgctcca ccgagacccg gcaggggggtc 151800
 ttgcgggtcaa aggtgcttgc cctgagggcg ttgaggacgg caaactccac gtccaggccc 151860
 tgaggcgcg ctcgctagaa gtaggcctgc tgcccaaaca cgttcacgca cacgctggcc 151920
 ccgtcagcct tgcgcctgcc cagtagcttg atgacgatgc cacacggcac tatgtacccc 151980
 tgtttatctg atggaatggc ggcacatctc tcgtgctgt acaccgtctc caggatgtcg 152040
 tagacgtgga actcgagggg gccccactg gggctctggc ccggccctgc cgccctctct 152100
 aggggccgct ggcgccacca catgcccttc ccgtcctcgt tccccccac caccgtcagg 152160
 gtgtctcggg agaagcacag tgggggctga gggccccgca cgtccaccac cccggcagcg 152220
 cccgggggtc ggaagcactt gggaatgaga cgcaggctact ccttgctcggg ttttttcaa 152280
 aggcctttat taggtcttag gaaaggggta tagaagagtc cccagacat agttaaaact 152340
 cagtctctgc ctctcgagc agcccaacag cggatctctg atcgtgatag cgtcgccctgc 152400
 gaaggccggg catgcgatcc ctggctgcct ggagtgtct gctggccacc gaaggtttg 152460
 tcgcccgtg agctgtctc ttttgtctt ggttttgcct atgcagcgt aacatgatgg 152520
 catctaattc cggcttactg atgggagtaa tgttttgccc ctggccctgg cccatggcat 152580
 gttgacgagc gagctcgtcg atccccgggt agagcatctg caccggtgc tgcgacatct 152640
 ggcgcggtgc ccttgtagg gtgatgacta ggatcaccac cccggccacc aggaccagg 152700
 tgagcatgcc accaaagggg tttttaaaga aggagatgaa gcccagacc aggttgctaa 152760
 acagcccccc caccgtgctg actagattgg taataacctg acccacgctc cccaggctgt 152820
 ccatgagctc cccagggcg tccacaaatt gatttctgtt gtttgacaca gcattgtcca 152880
 aatctttccg cagaccggcg atgttctggg cttggaaatt gtactctctg aagatgccct 152940
 ccaggctgaa gacgttgagg gcccgctgct cgtcgcgca gtacagctcc agggaggcaa 153000
 agtcgatgtt ctcgatgagg gaggtgttta gggcgatgaa ggtctgcagg gtggcgatgc 153060
 cgtccagctc gatggtcttg aagtgttggg agtcgtggta gacgtggatt tcgttaccag 153120
 actggaagta gtactggctg gacgccaggc acatctccgt catcttcttg gtgaggaaga 153180
 tctcgttatc cgtgccagc tggccctcgt aggtcttggg gtcgttgatg aagctgaagg 153240
 acaccagggg gcgcgagtag cacatgctct cggagcccg gaccctcatg ctcttgcgca 153300
 gtgtgaccgt ggcctgggtg acgggcacgc actgggatac ggagattacg tccccaggc 153360
 gcttgccgc cacgggccgc ccgtagatgc cggacatgac ggtggtggga ttgatcttg 153420
 tcagctccct cagcaccatg ttctgcctt tctgctccag gcaccaggcc cgggccagg 153480

cgcccagcat ccgattgatc tggcggcgca gggagtcata ggcaaattgg atctggatgg 153540
tggccggatt gttgaggggtg ccaagggagt tcccgggggc ggggtgtggct ggctttggag 153600
gggcccgtgt tgtgttgttg ccctccgctt gcctccgtcg acggcgcaca atggccgctg 153660
ccgtgcttct ggaggctgtg gatggagtgg ggggcgtggg gctgcttggg aacggtggag 153720
ctgccgtggg cagctccgtc aggttcttga cggaggccaa cgagcgcggg gtcagaggca 153780
gccaagccaa taacaatcct ccgctcgta gaaaatatgt aatgttttcc tggtccttca 153840
catagcggtc ctggagggcc tcgtacttct cgtgcatggg cttgttaacc tgatcttcga 153900
tgcacttgaa ggctccaggg agggccatgc ccaccgtcat gttgggtgacg aagctggatg 153960
tgccctcttg ggtcacaaag tgagttgacc tcaccgtttc tgtggcgatt gtcgattcaa 154020
aggtcttcca gtgttgcaat gggcagtagg ccgttctgtt ttcgagcttc caggagaggg 154080
tgtaggtacc cttgtccagg aaggcccgc gctccccgtt gggcacgggtg cctcgattgt 154140
cgtagtcaac aatcttgtaa ttttccctga cgtggaagga gccggcccgc tcgttgaagg 154200
tctccttggt tgtcccgtcg tagaaggag acatctccgc ggtctgtccg accgtgggtca 154260
cgaagaagtt gaaggggctg ttggacttgg ccatcatgtc ggtgaccacg cagttgacgg 154320
tggttctggg tctgtaggtc cacagtatcc accccggggc gtcgtggacc tgcgtctggc 154380
tggcgtaacg ccgcacaccg ttagccaggc cgctgggtgg cctcaggttg acggtgatgt 154440
tgggtccatc gttgtccacg tacaccgct ccacccgtc ctttgtcatc ctgacggcgt 154500
tgtggcactg gtagatgctg tccatctggg cgggtctctg gctctccact gagaacatct 154560
cctcgtgcct gttggtcacg gcgtccgct accagccgtt gtagacgagc gtgttggtca 154620
ctatcttggg taggagcgg accttaaagg agtagggaat aatgttgtct ttgaacacca 154680
tcaacaggcc ctctgtgtgt ttctcctgctg tgccggacga gggacattgg atgtccgagg 154740
agaagcggaa gaggtcgccg tggttgaga gctcgcagac gcggaagggg aagttggtct 154800
tttggcgcgc tgccgccggc tgcaccgtgg tggcgggggg cgctggctgc tgggtggtct 154860
gcgcccagat gcagcccacc agggcggcca gcagcaagac aacgctcggc ttcctacgcg 154920
gagtcattct gaaccatctg gaggtgcagg tagagcagg catatagatc cttaaatacc 154980
caccctctgc ctttatacag gagaattaat gggcgggtcg aatcgtagct caggtagagc 155040
ccgtcggggg gcagggcctc gcccgggctg accgcgtccg cccttcgcag gcgcagggaa 155100
cgccccagg tcttgttgta gagggagacg gtcagcacgg cctcgcgcag ggccccggcac 155160

agaagttgct ggctcgaggc cagcgagccc tccggcacgc tgtagaagct gttgaaggag 155220
 gtctctatcc aatcgctcgg ctcgatgccg ggccagatca gggaggtcag gaacaccttc 155280
 tgggtggggca aggtccccgc ggcgtcgcag cagcgggcca gggccacgtt gctgggcgga 155340
 ggaaacagcc ccctctcctc ggccagtggc cccgtgatga aggtgtacag gctgtgggtc 155400
 agggcgtagc ggtgctcggc gctcagcgtc tgagtaaaca ggtgggtctt gatgtacttg 155460
 gaattctcaa aggccgcgcc ctcccgacg cgcctgtcct cccagggacc cgagacgaag 155520
 gcccgcctgt agaggaagtg gttgcgcagg caggccatct cccagtacac cacgtcccc 155580
 cacacgcgca ggcacagcgt ctcggtcagg gtctcgtctt gctgcgccag gcaggactgc 155640
 agccgggcca gccctctga ggccacctgg cgtaggtact gtccttgcg cttcagcgcg 155700
 tccgagaggg cgttgagacc gggctcgcgc ggggcgcccg ccaggggcac accggggctg 155760
 gcctccggcc cctcctcccc ctcgctccgg ttcagccgct gcatggcccg gttgagccgc 155820
 gtgtacagct cgttcctctt ctgcaggatg gcccgtact gcgggttcga ggtgaaggcg 155880
 gccgcgcagt cggccttcag cgcttccacg gcgtcgcgcg aggagctgta gaccccgccg 155940
 cagaagagcc gctcggtggc cctggggggc accgagtcaa acaggtgagt cagcggagcc 156000
 cccgccagtg cctcctcgca ggcccggcgg gccctggcca ggcgcccctc cctggcaaac 156060
 agggcagaga gacgggaatg gccgcagccc tctcccttgc ccgttgaacc gatagcatgg 156120
 ctgccagagt tccagtagag cagctccgag agctccgcca cctccggggg cacggtcgag 156180
 aagacgctgt agttgtccag ctccctggct gcccctcgg cctcccgcg ccccgggccc 156240
 gagaccgtgc cctcctccgg cccggccggc ctctccttcc cctcagccgc caacagggtgc 156300
 ccgagccccg cctgcctgac ctcggttctca aagagccccg agaccggctc cgaattcacc 156360
 gggaccgcca ggtggttgca ggagacgcgg gcccctcgg ccgtggacgg ggtgccgtgg 156420
 ttgggcagca ccatgagctc cccacgcag cgccagcagg gcacagaggt gatgtagagg 156480
 cgcggttccg ggatggggct cagccccga aagcgggcca gcagctccag ggcccgggtc 156540
 aggctctcca gcccctgct gtgagacatg caataaaaca cgctattgat tctcttcatt 156600
 aagatctcga tgtcgtttat taggtacaga cttacatcgg ccctgtgcc cccgtaaaac 156660
 tctacggcgt acgcggcccg gaggggagcg ggaggcgaga tcccgggacc cgacccacc 156720
 agcagggccg caacggccct gcgtgagttc tccagcaggt gcgccagctc cagggacagg 156780
 gcgctgcacg cgcggtcatt ctgtcgctc aaacggggaa ggaggagggc gtccaactcg 156840
 gccagaaggc ccgcgttgcg cgccaccgcc tcccgtcca ggctccgggg gtccagcctg 156900

gcgcagacgc tcagctccac ggccagcgcg tacacctggc tgtaggccgc cgccagcagc 156960
 cccgacatcc cgccctgggg actctagacc tccagaccgc ggaggaccgc agccagccgg 157020
 cgcttgcgcc tgccccgcc tgctccctgc cctccgcctt ccagcaccag cccggccgag 157080
 gcctgggtgg cggcgctgac gggtccgct acgctgataa agttgtcctg ggctcccccg 157140
 ggcccacccg ccactccttc caaaaagtca cgcgcggcct cggccgtcca ctctatcccc 157200
 ctggaggcaa tggtcgccag tgtttccagg acgctgtccg ccagcaccga gaagcggccc 157260
 aataagtact cggcgctgtc cagagtcagc gaggcgacgc cctcgcccat ggcgtccacg 157320
 agtttgcaca ctacatcgag cacacaatct tctcctgtt tttgcaatat aatggcctcc 157380
 agggccgccc tgatgttctc aatctcatag gtggccgctg cctgtgtccg gcgcttgatc 157440
 gtcagcccca ggggtgggggt ggcaaagaca aacttctttc tcatggatga gccccggcc 157500
 tgcttgcgca gcccggcgcc cggcgctgc agcaggttcc tgccacgcc tcggcccata 157560
 aagtagccca ggttcccagc ctggaagatt tgggtgttgc cgttgacccc cgtgtacttg 157620
 ttaatggtca cgggcagcgt gatgaccggg cgggccttgc agacctggct gaggcagtcc 157680
 gtggccgcgc agaccacggt ggtcgcggtg agggaggagg tggcctccgc gtaggccgcg 157740
 gccgactcca ccgccctggt gcccagcacg tgggggtagt cgcgggcggg caccgcctgg 157800
 gtcttgggca ccagcccctg gaccaggctg atgtagaact gggctctggc gcaggccttc 157860
 aggatggcgt tggtgagccg ctgcttggcg taggtcacca ggttgcccgg caccacgtct 157920
 atgacgttgc tctcctcgtg ggcccgggag cccccgtcca caaacagggc caggtccgag 157980
 tactcctccg cgctggcccc ggaggggacg ggcaccgagc gccgcctgga aaagttgtgc 158040
 cacaggtaga ggctcgagag cttggtgtcc ggggaagagg tcttgtggta ggtgttgagg 158100
 aatttcatgt agggcccgtt aatgatgtag ttttccctcc tggcgggtga cttgatgaag 158160
 ctgttctgga gggcggcgtt ctccccgta aagaccacc ggttcttaat cttgatgttc 158220
 ctggggcaca gcatcagcac cttggacatg cgcaccggca gccgccgtcc gtacgtccgc 158280
 ccctgcaggg ccgctgccag gtccggcagg tcacaggtgg gtcagcgtg caccaccttg 158340
 gcctccttgg ccgtcaggac ccccttgtca atggccaggc tctgaagtt ggtgcacagc 158400
 gtctggtagt ggcccttgag ccactcgggg ggactctggc ccagccccgg gttgtcattc 158460
 tcgtagcaca tgcagatggg caggagatg tcctggagga tggtcagcag agagcgataa 158520
 aacagctggg taaagacggg gcaggcgggc tgcgcgaagg ggttgcacga gtactgcagc 158580

acgtggttagc agctcttgac ctggtccttg taggttatgt tgttcttggc catgctgttc 158640
ataaactgga ccacctcggc gtccaccgcc gcgtccacgt ccctgaacat cttgataaag 158700
tcccggggtc cctggggctc cttctccagc ttcccgtcag cgtctatgcc cagccgagac 158760
agccgctcca gcaggttctg gttcagctgc cagtaggtgt agcggggctc atcgtccggc 158820
ctctgcgcgt cgtcctcctt gtcgataaag ttgagaaagt tgcccaaaaa gtccgtctcg 158880
ttgtaggagc ccgaggcccc cgagatcacg taggggtctc tccgctgcga ggacatgacg 158940
ggcgggaagc ggtcccgag cctgaagaag agcgtgttca ggcacacggc cggggcccg 159000
ccctcgcaaa gcgagcacat ggggtggtg gccgcacccg ccacgtagct gccggtctcg 159060
ggcaccggag tcagcgagct cttctgcccc tggcagaact gcaggtaata ggcgtagcgg 159120
gccaggaagt tgggagaaga aggaggccgc aaagaccagg tgctccaccg cgtagttgcc 159180
gggccccgtt ggtgccagtc aacgtcgggc ccgccccaaag cccgagaagc agggcccggc 159240
gcaaggggtc ccacctccc ctctgcagg gtccccagcc cctgtgtcat gtaaaaactg 159300
gttaaaggcg cttctccttg ccctgccccg gtcgtcttgg acacgcccga gaacgtagag 159360
gacagaagtt ggtggcaaat atctgcgtgg ataccgtggg gggccaggct ggcattatat 159420
cgggtgaacg ccgccacgcg ggcctcgggg ccctcgcagt cggcaaacag gggccaggag 159480
tcgtagttga ggctggccgg cgtctcgtgc gccgcctcca gcatggcggg ggcgtagctg 159540
accgccagct cgcaggccgc gctgtccacg atcatgacgg cccccgagtc cgggtggctg 159600
atggtcgagg cggggaactc cttgagggcc gccaccttg ccaccttggc ctggtcctgc 159660
aggctctgct tttccagcag ctccaccage ttgccacct gctgacgcg cagcgctgc 159720
gccaggcccg tgtacagcgt ctcgtgcatg cagctgctga ggtccgagtt gtagaactgg 159780
cgctgctggg gcacgccttc cgggaacacc tccttgtcgt acagcgggac cctaaagctc 159840
gcagatggcc ccacggttac ctctgtttt aacgatggaa tggccaccag gttccccccg 159900
tagaggcgct ccttgaatgc ctccgtgacc accaccgcc ccaggtaggc cgaggggtcg 159960
agcccatcgg ggaagaagtc ctccggcttg gagctgtccc tagagagggc gctgtagccg 160020
tcgtacccaa acacctccct ggtctcctcg cagagggcct cgaggccggg gccctcgaag 160080
atggggggca ccatctgggc attgtggaac acgtagacgt ccctgtggta ggaggtggcg 160140
cgcaggagcc cgcagttggg gtctggcctc ctgtggaggg ccttgacgtt gatgctgaag 160200
cccggctcca cggtgatgcc gcagaggagc ggcacagtca ggcacctgtg gcccgtag 160260
ccggtgcccc gcgtggcgac ctccctcagg gggtaggtgg ccagggggta gaagtagatg 160320

tagccgcatg gccccggctg gctctggctg cccagattat cctcgccagt ctgtgctgcc 160380
 tgcattgatgc ccgcggttat cgcgccgggc ctccccgtcc cacattaaat gttacacttt 160440
 actcatcagg caccacccac tctttattcg tttacaaaga tttcaggaag acgctcaggc 160500
 tggccacggt ccatgtcacg gggaaactggc gtctcagcgc ccttggcagg ccgcccagtc 160560
 tcgcaaacca gagcctgcga tagagggcga ggtagtgggc ggtggccccc atcacgaagg 160620
 cggcgctctc gtggcatcc aggtagtgtg gcaccgcaa caccaccgtg tagcacagca 160680
 ccaccctgag ccgcgaccag tagtcgtagt ggtcatcgta cacggctctc agcacgctga 160740
 tgatgagctg catgtgtgcg tgcttgcccc cgaggctggc cgctggcat gccagctccg 160800
 cgtacattct cctgtgcttc ctccgggagg ccttcaggag ccggcacatg accagggccg 160860
 gtagaggcag gtccgtctcg tcctgggtga acacagcgta tagggccctg aacaggaggt 160920
 agctggtctc tgccactttg tcgtccgggg gcgagggtga gaccacgcc tcgaccgggg 160980
 tcctcacaaa caccgaatcg gtagacttgg ctggctgcat ggttccgtct ggccagctca 161040
 cctgccccgg gttttatgtt aaaatgggcg tggcaaaacc gtatatagcg cgtggcctgc 161100
 gtgaggtaag taggtcgcca tggccaggct tttcgctcag ctgctcctgc tcgcgggctc 161160
 cgtgcctcc tgccaggccg tcaccgcctt tgtgggtgag cgggccgtcc tgagttccta 161220
 ctggaagagg gtgagcctag ggcccagat catggtgga tggttcaaac tgggccctgg 161280
 agaggagcag acgctcattg ggcgcatgca ccaggatgtt atcctgatcg aggggccctt 161340
 caggggcttc tttgatatgt acaggagcgc caacaccttc ttctcatcc tgaccacggc 161400
 caacatctcc caccagggca gctacctgtg ccgcatgcgc ctgggggaga ccgaggtcac 161460
 gaagcaggag ctgcttagcg tggatgaagc cctgaccctg tctgttcagg ccaagaggctc 161520
 tgtattccca gacttctcca ccctcaacgt gaggtgcaag gtcaacgcgt acccgcgacc 161580
 gtatgtccag tggctgatgc cagagggcgc ggaccccgcg cccaccgtga cacagggtga 161640
 agctatgaag gagggggatg gcagcctctc tgttggtgtg tacctgcacc tccacaaacc 161700
 ctggcagctg cctgtgacct gcgttggtaa aaatgaaaag gaggaggtcc aggggtgtta 161760
 tgtttctggt tatgtgttat aataaatgca actaactgag ctggtggcct tagtttgctg 161820
 tgggctgggg acagtgggtg cgtgtgtgtg ctaattggcc gtgtgtgatg gggagctcct 161880
 gggagaaggc ttgggggtgg gtggcacggt gggagccgc cgtccccgaa agaggcaacg 161940
 ccccggtggga gaccggctcc acggtggata ggctccctgg gagaccggc tttccttttg 162000

ggccacgccc cgtgggagac cggctccacg gtggataggc tccctgggag acccggttc 162060
ccttttgggc aacgccccgt gggagaccgg ctccacggtg gataggcacc ctgggagacc 162120
cggcttccct ttcgggcaac gccccgtggg agaccggctc cacggtggat aggcaccctg 162180
ggagaccggc tccacggtgg agtggcactg tgggaaaccg gttccaccgc gggggtgggt 162240
gaatgtcgcg tggcggaaagt ctttttccgc ggttgggaaa gtgtgactg gggggccgtc 162300
ccacggtggg agatttaatt cccgtaattg gggctcacga gaccgtgtg attttggggt 162360
gcaaactccg cccacaggt ggctcagatt ggtgcgatcc tggacagctg cggttttaac 162420
atcacaagcc tgttttctg gggctcgtg gggcgtaaatt ccctcctacc tcgtttctca 162480
gagagcattt ctgcctggtg ctgcagcccg ggctgcagct atgagcgct tggagatgga 162540
gccccttggc gcgcccgcgc ccgggacccc ggtgggcccag gatggtgggg aaggtagcgg 162600
gagagaaagc tatccatctg ttttcagctc gccccgagc tctcctggtc ccaggggtcc 162660
ggactatgaa gaccctctc cagacgatgg gaatccacct cttacgacg cggaagacgg 162720
gggggacggg ggtccctatc agcctctgcg tggtaagac cctaatacgc tgtatgcaag 162780
actcggaggc ggtgggggta acggcacgct ccctccccct ccctactctc cacagaggga 162840
aacatctctg catctctacg aggaaataca tccgcaaagg taagtttgcc atctagcgat 162900
gctttttatt aacacacaca ctcaagttac ataattgtct atgccgccac ctagcggcct 162960
cagtcatacc accccagttc acatctcaat gacaacaagt ccaagttttt gccagacacc 163020
cccagggccg ggtccagcgg gtgccagcga tagatgcagt cctcgcagtc ctgccgcgcg 163080
cctctccca acgcgtttct gcgtctcagg tgctgggacg ttggcatcgg agttggcggg 163140
cgcccccttc ccgggtcccc cttctctctg gcctctctct tgggcctttt ggacattctt 163200
ctgagggaac ggcgaagacg agagcagagg tccgacaggt gtctaccggg cgccatggag 163260
tctcttagat tagtagcagg cagacgagac caaacagggc gcagagcacg accaggcaga 163320
ttctcaggtt cttgagctct tctttgaccg ggcagtggct tggttctgc ccctcagagg 163380
agccgggcag gccgtaggca gggtagcgct gctccaggaa ccccggttc agaaagaaga 163440
ccatctcggg agtgaggagc agactggctc ctcggtttta tatacaacca gaacaaggaa 163500
agaaggccag aggaatgtgg aaagatgagc aaggaggcag gtatcgggtt agcgatgggt 163560
cagaaaatag gtgtggggtg gaaacaaagt gccaaagtgt caaggtgatt gctcactcgg 163620
ggtgcccggc cttgcaggtt ctgagtgggt gttctgggcc tagtcacggt ttctggcagt 163680
ggatgcatat gttttgccta gtggcattag ttgtgttgca atttgtttt tgggagaagg 163740

gcgtggggga agtcactggc atgggcaatg cccagttgag gcctctcccc ggaaggcgtg 163800
 gggcaggatt tttgttgga atgggacggg gatatggagg aggaagtagt tgtgcaggcg 163860
 cgtgggcctt ggtggggcca catctcgcat gccttccttt agttgtgtaa ggtgtgtggg 163920
 ccttagtggg gccaattcta gcaggccatc ctctagttag tatgcagcct gggccttggc 163980
 gggccaattt tagcatgcct ttctctacct agttttgcag gagcttgggc tttgccgggc 164040
 caattccagc atgccatcct ctgcttagtt gtgcaggatg aagcgtgggc cttgttgggg 164100
 gccaattttc gcatgccata ctccaccccc tgttatctga tagaatgtga gtaaggcctg 164160
 tcaaaatgca ccagagttgc ctaataggag cttgggtcag ataaggtgaa tagctaaaca 164220
 atccccgggg tgaaggagg ggcacatg gttaccgtca gccgtcctga ttccgagaag 164280
 gaaaagtcca cgagtggcca cctcagtcac agtagctgat ctggattgga tctgccggat 164340
 caccgggtc accttccgga ccttgtgggc cttgattgga tggaggacta tccgggccat 164400
 tgttaccacc atcagtgggg cctgggtgggc cacctccctc gttgctttca ggctgctgat 164460
 tatgaggtcc gccggggcca ctgccgttgc tggtgtcggg gttttgtggc ccgttgcccc 164520
 cgttaccacg gtcatttagg tgaacactgt tgccgccgcc gccagggtc aggagcatcc 164580
 aaggaccacc cggtcctggt tcttgacgtg ggccgtggtt gttgttgggg ccccatggac 164640
 cccaggggcc acatggccct gggccaaagg gaccccatgg cccaagagga ccggtaccaa 164700
 acggacccca gggccacgaa ggaccttgag taaacggacc agctggacca tagggaccca 164760
 aaccatctcc accgtcagaa gcttgcaactg ggtgtggttag atgatcgggg tcgccagacg 164820
 gacctgaga aacatagggc ccgaatggac ccctgtctcc accaccttca ccgtcttcac 164880
 catcgcccc atctcctccg tcaccactgt ttccaccgtc agttgcttgg atggggtgag 164940
 ggagatggtc tggatcccca ccgcctccac cgttgccctc atttctcctc tctccatctc 165000
 ccccatctcc ctgtcctccg ttaccaccgt cagttgcttg gatcgggtaa gggagaggat 165060
 ctgggccctc gttgcctcca tctccttctc ctccattgcc accatcagtt gcttggatcg 165120
 ggtaaggagg atggtctggg ccctcattgc ctccgtctcc attgcctccg tctccattgc 165180
 ctccgtctcc attgcctccg ttccattgc ctccgtctcc tacattgcct ccatctccat 165240
 tgctccatc tccattgcct ccatctctat tgctccgtc tccttcattg cctccatttc 165300
 caccgttttg ggaaacatag ggacctagcg ggtcacctg gttactgttt ttatggtgat 165360
 ggtggtgatg gtggtgatgg tgggtttttg ggtcctcgct aatcagaagc acccgcggt 165420

ey Docket No.: 23660/2

tcca 165480

agga 165540

tgca 165600

agga 165660

gcga 165720

ggtc 165780

agtc 165840

tggctgggcg cggttgaagg tgcacgtggt ggctggggca aagcaggagt gtcccaaaag 167220
 tgggtccagg cgacccccct taccgcccgg ctccaaaaaa gtgagggggg cgtggccatc 167280
 ccccgcggtgc cccccccccc cccccccccc cgcgtagaaa gtgggcactg tgccaggggcc 167340
 ttcgggacgg gaggccggcg cgcgcccggg gtcccggggg gcggcgcgcg gccttcccc 167400
 gtctgctccc gcggccagtc cctggatgtc ggggagggcc cggggccgcg cgtggggatg 167460
 gccggcggga ggggccggcg cctgcagggg gggccggcgg ggcgccccgt cgtcacgctc 167520
 ggctgcacgc gcggcgcgcg cggccggggg ctgagggggc tcccagaggc ggggccgggg 167580
 cctggcgggg gccagcgcgg ggtcccgggg cgggggggtcg ggcgggcatg ctccggggta 167640
 acgagaggag agaggagggt gtgcctggcg ggggagaggg ggcagggctg gcgccggggcc 167700
 gcgcccccg cccctctcct gggaggccac gtgtggaggc ccgcgagag gccgtgtgtg 167760
 gaggccgggc ctcccctggg ggccctcggg gcggaggggg gggccccg cg 167820
 cgtgccgggg gacccggggg cgtgtcccgc gaccgaggg gcgagcgggg ggcttcccc 167880
 gggcccagc gcgcgtcggg tggggcctga gggggcgcg cgattgtcgc cgccctccct 167940
 ctgctcccgt tggcggggag aatgacagct gggcggtggc ggcgcgcggt gcccgcccc 168000
 gggctctccc gggctcccc tcacgggtgg gcgctcagat cggcgcgggg gagccccggg 168060
 gcggccccgg gaccctcgcg ggggcaccgg cgcgtagaga agacccttct ccgaccagc 168120
 cgagcgtgac gaagcccctc tcctaaatca cccttgcggt acgaagcccc tctcctaaat 168180
 cacccttgcg tgacgaagcc cctctccgaa atcacccttg cgtgacgaag cccctctccg 168240
 aaatcaccag aaagtgggca ctgtgccagg gccttcggga cgggaggccg gcgcgcgccc 168300
 ggggtcccgg gggcgcgcg gcggccttcc cccgtctgct cccgcggcca gtccctggat 168360
 gtcggggagg gcccggggcc gcgcgtgggg atggccggcg ggagggggcg gcgcctgcag 168420
 gggggggcgg cggggcggtc cgtcgtcacg ctcggtgca gcgcggcg cgccggccgg 168480
 gggctgaggg ggctcccag ggcgggggcc gggcctggcg ggggccagcg cgggggtccc 168540
 gggcgggggg tcgggcgggc atgctccggg gtaacgagag gagagaggag ggtgtgcctg 168600
 gcgggggaga gggggcagg ctggcgccgg gccgcgcccc cggcccctct cctgggaggc 168660
 cacgtgtgga ggcccgcgga gaggcgtgt gtggaggccg ggcctcccct gggggcctcg 168720
 gggcgggagg ggggggtccc gcggggcccc gcgcgtgccg ggggaccgg gggcgtgtcc 168780
 cgcgaccga ggggcgagcg gggggcttcc cggggggccc agcgcgcgtc ggggtggggcc 168840

tgagggggcg cggcgattgt cgccgccctc cctctgctcc cgttggcggg gagaatgaca 168900
 gctgggcgtg gcgggcgcgc gtggcccgc cccgggtctt cccgggctcc ccctcacggg 168960
 tgggcgctca gatcggcgcg ggggagcccc ggggcggccc ggggaccctc gcgggggcac 169020
 cggcgcggtg agaagaccct tctccgacct agccgagcgt gacgaagccc ctctcctaaa 169080
 tcacccttgc gtgacgaagc ccctctccta aatcaccctt gcgtgacgaa gcccctctcc 169140
 gaaatcacc ttgctgacg aagccccctt ccgaaatcac cagaaagtgg gcaactgtgcc 169200
 agggccttcg ggacgggagg ccggcgcgcg cccggggctc cggggggcgg cgcgcgccct 169260
 tccccgtct gctcccgcg ccagtccttg gatgtcgggg agggcccggg gccgcgcgtg 169320
 gggatggccg gcgggagggg ccggcgccctg cagggggggc cggcggggcg tcccgctcgtc 169380
 acgctcggct gcacgcgcgc cggcgcgggc cgggggctga gggggctccc gagggcgggg 169440
 ccggggcctg gcgggggcca gcgcggggtc ccggggcggg gggtcgggcg ggcattgctcc 169500
 ggggtaacga gaggagagag gaggtgtgct ctggcggggg agagggggca gggctggcgc 169560
 cgggcgcgc ccccgcccc tctcctggga ggccacgtgt ggaggcccg ggagaggccg 169620
 tgtgtggagg ccgggcctcc cctggggggc tcgggggcgg aggggggggt cccgcggggc 169680
 ccggcgcggt cggggggacc cgggggcgtg tcccgcgacc cgaggggcga gcggggggct 169740
 tccccggggc ccgagcgcg gtccgggtgg gcctgagggg gcgcggcgat tgctcgccgc 169800
 ctccctctgc tcccgttggc ggggagaatg acagctgggc gtggcgggcg cgcgtggccc 169860
 gccccgggt cttcccggc tccccctcac ggggtgggcgc tcagatcggc gcgggggagc 169920
 cccggggcgg cccggggacc ctcgcggggg caccggcgcg tggagaagac ccttctccga 169980
 ccagccgag cgtgacgaag cccctctctt aatcaccct tgcgtgacga agcccctctc 170040
 ctaaataacc cttgctgac gaagcccctc tccgaaatca cccttgctg acgaagcccc 170100
 tctccgaaat caccagaaag tgggcactgt gccaggcct tcgggacggg aggccggcgc 170160
 gcgcccgggg tcccgggggg cggcgcgcg ccttcccccg tctgtcccg cggccagtcc 170220
 ctggatgtcg gggaggggcc ggggcgcgc gtggggatgg ccggcgggag gggccggcgc 170280
 cgcagggggg gccggcggg cgtcccgtcg tcacgctcgg ctgcacgcgc ggcggcgccg 170340
 gccgggggct gagggggctc ccgagggcg ggcggggg tggcgggggc cagcgcgggg 170400
 tccccgggcg gggggtcggg cgggcatgct cccgggtaac gagaggagag aggaggggtg 170460
 gcctggcggg ggagaggggg cagggtggc gccgggccc gcgccggcc cctctcctgg 170520
 gaggccacgt gtggaggccc gcggagaggc cgtgtgtgga ggccgggcct cccctggggg 170580

cctcgggggc ggagggggg gtcccgcggg gcccggcgcg tgccggggga cccgggggcg 170640
 tgtcccgcga cccgaggggc gagcgggggg cttccccgga ccccagcgc gcggcgggcg 170700
 gggcctgagg gggcgcggcg attgtcgccg ccctccctct gctcccgttg gccgggagaa 170760
 tgacagctgg gcgtggcgag cgcgccgggc ccgcccccg gtcttcccg gctccccctc 170820
 acgggtgggc gcgcagatcg gcgcggggga ggccaggggc gcccgggga ccgtcgcggg 170880
 ggcaccggcg cgtagagaag acccttttcc gaccagccg agcgtgacga agccccctc 170940
 cgaaatcacc cttgcgtgac gaagcccctc tccgaaatca cccttgctg acgaagcccc 171000
 tccccgaaat cacccttgcg tgacgaagcc cctctccgaa atcacccttg cgtaacgaag 171060
 cccctctccg aaatcaccct tgcgtagcga agcccc 171096